



API Reference

AWS Well-Architected Tool



API Version 2020-03-31

Copyright © 2026 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

AWS Well-Architected Tool: API Reference

Copyright © 2026 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon's trademarks and trade dress may not be used in connection with any product or service that is not Amazon's, in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits Amazon. All other trademarks not owned by Amazon are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by Amazon.

Table of Contents

Welcome	1
Actions	2
AssociateLenses	5
Request Syntax	5
URI Request Parameters	5
Request Body	6
Response Syntax	6
Response Elements	6
Errors	6
See Also	8
AssociateProfiles	10
Request Syntax	10
URI Request Parameters	10
Request Body	10
Response Syntax	11
Response Elements	11
Errors	11
See Also	13
CreateLensShare	14
Request Syntax	14
URI Request Parameters	14
Request Body	15
Response Syntax	16
Response Elements	16
Errors	16
See Also	19
CreateLensVersion	20
Request Syntax	20
URI Request Parameters	20
Request Body	21
Response Syntax	22
Response Elements	22
Errors	22
See Also	25

CreateMilestone	26
Request Syntax	26
URI Request Parameters	26
Request Body	26
Response Syntax	27
Response Elements	27
Errors	28
See Also	31
CreateProfile	32
Request Syntax	32
URI Request Parameters	32
Request Body	32
Response Syntax	34
Response Elements	34
Errors	35
See Also	37
CreateProfileShare	38
Request Syntax	38
URI Request Parameters	38
Request Body	38
Response Syntax	39
Response Elements	39
Errors	40
See Also	42
CreateReviewTemplate	44
Request Syntax	44
URI Request Parameters	44
Request Body	44
Response Syntax	46
Response Elements	47
Errors	47
See Also	50
CreateTemplateShare	51
Request Syntax	51
URI Request Parameters	51
Request Body	52

Response Syntax	53
Response Elements	53
Errors	53
See Also	56
CreateWorkload	57
Request Syntax	57
URI Request Parameters	58
Request Body	58
Response Syntax	65
Response Elements	65
Errors	65
See Also	68
CreateWorkloadShare	69
Request Syntax	69
URI Request Parameters	69
Request Body	69
Response Syntax	71
Response Elements	71
Errors	71
See Also	74
DeleteLens	75
Request Syntax	75
URI Request Parameters	75
Request Body	76
Response Syntax	77
Response Elements	77
Errors	77
See Also	79
DeleteLensShare	80
Request Syntax	80
URI Request Parameters	80
Request Body	81
Response Syntax	81
Response Elements	81
Errors	82
See Also	84

DeleteProfile	85
Request Syntax	85
URI Request Parameters	85
Request Body	86
Response Syntax	86
Response Elements	86
Errors	86
See Also	88
DeleteProfileShare	90
Request Syntax	90
URI Request Parameters	90
Request Body	91
Response Syntax	91
Response Elements	91
Errors	91
See Also	93
DeleteReviewTemplate	95
Request Syntax	95
URI Request Parameters	95
Request Body	96
Response Syntax	96
Response Elements	96
Errors	96
See Also	98
DeleteTemplateShare	99
Request Syntax	99
URI Request Parameters	99
Request Body	100
Response Syntax	100
Response Elements	100
Errors	100
See Also	102
DeleteWorkload	104
Request Syntax	104
URI Request Parameters	104
Request Body	105

Response Syntax	105
Response Elements	105
Errors	105
See Also	107
DeleteWorkloadShare	108
Request Syntax	108
URI Request Parameters	108
Request Body	109
Response Syntax	109
Response Elements	109
Errors	109
See Also	111
DisassociateLenses	113
Request Syntax	113
URI Request Parameters	113
Request Body	113
Response Syntax	114
Response Elements	114
Errors	114
See Also	116
DisassociateProfiles	117
Request Syntax	117
URI Request Parameters	117
Request Body	117
Response Syntax	118
Response Elements	118
Errors	118
See Also	120
ExportLens	121
Request Syntax	121
URI Request Parameters	121
Request Body	122
Response Syntax	122
Response Elements	122
Errors	122
See Also	124

GetAnswer	125
Request Syntax	125
URI Request Parameters	125
Request Body	126
Response Syntax	126
Response Elements	127
Errors	129
See Also	130
GetConsolidatedReport	132
Request Syntax	132
URI Request Parameters	132
Request Body	132
Response Syntax	133
Response Elements	134
Errors	134
See Also	136
GetGlobalSettings	137
Request Syntax	137
URI Request Parameters	137
Request Body	137
Response Syntax	137
Response Elements	137
Errors	138
See Also	139
GetLens	141
Request Syntax	141
URI Request Parameters	141
Request Body	141
Response Syntax	141
Response Elements	142
Errors	142
See Also	144
GetLensReview	145
Request Syntax	145
URI Request Parameters	145
Request Body	146

Response Syntax	146
Response Elements	147
Errors	148
See Also	149
GetLensReviewReport	151
Request Syntax	151
URI Request Parameters	151
Request Body	152
Response Syntax	152
Response Elements	152
Errors	153
See Also	154
GetLensVersionDifference	156
Request Syntax	156
URI Request Parameters	156
Request Body	157
Response Syntax	157
Response Elements	157
Errors	159
See Also	160
GetMilestone	162
Request Syntax	162
URI Request Parameters	162
Request Body	162
Response Syntax	162
Response Elements	164
Errors	164
See Also	166
GetProfile	167
Request Syntax	167
URI Request Parameters	167
Request Body	167
Response Syntax	167
Response Elements	168
Errors	169
See Also	170

GetProfileTemplate	172
Request Syntax	172
URI Request Parameters	172
Request Body	172
Response Syntax	172
Response Elements	173
Errors	173
See Also	175
GetReviewTemplate	176
Request Syntax	176
URI Request Parameters	176
Request Body	176
Response Syntax	176
Response Elements	177
Errors	177
See Also	179
GetReviewTemplateAnswer	180
Request Syntax	180
URI Request Parameters	180
Request Body	181
Response Syntax	181
Response Elements	182
Errors	183
See Also	185
GetReviewTemplateLensReview	186
Request Syntax	186
URI Request Parameters	186
Request Body	186
Response Syntax	187
Response Elements	187
Errors	188
See Also	189
GetWorkload	191
Request Syntax	191
URI Request Parameters	191
Request Body	191

Response Syntax	191
Response Elements	193
Errors	193
See Also	194
ImportLens	196
Request Syntax	196
URI Request Parameters	197
Request Body	197
Response Syntax	198
Response Elements	199
Errors	199
See Also	202
ListAnswers	203
Request Syntax	203
URI Request Parameters	203
Request Body	204
Response Syntax	204
Response Elements	206
Errors	207
See Also	209
ListCheckDetails	210
Request Syntax	210
URI Request Parameters	210
Request Body	210
Response Syntax	212
Response Elements	212
Errors	213
See Also	214
ListCheckSummaries	216
Request Syntax	216
URI Request Parameters	216
Request Body	216
Response Syntax	218
Response Elements	218
Errors	219
See Also	220

ListLenses	222
Request Syntax	222
URI Request Parameters	222
Request Body	222
Response Syntax	223
Response Elements	223
Errors	224
See Also	225
ListLensReviewImprovements	226
Request Syntax	226
URI Request Parameters	226
Request Body	227
Response Syntax	227
Response Elements	228
Errors	229
See Also	231
ListLensReviews	232
Request Syntax	232
URI Request Parameters	232
Request Body	232
Response Syntax	233
Response Elements	233
Errors	234
See Also	236
ListLensShares	237
Request Syntax	237
URI Request Parameters	237
Request Body	238
Response Syntax	238
Response Elements	238
Errors	239
See Also	240
ListMilestones	242
Request Syntax	242
URI Request Parameters	242
Request Body	242

Response Syntax	243
Response Elements	244
Errors	244
See Also	246
ListNotifications	247
Request Syntax	247
URI Request Parameters	247
Request Body	247
Response Syntax	248
Response Elements	249
Errors	249
See Also	251
ListProfileNotifications	252
Request Syntax	252
URI Request Parameters	252
Request Body	252
Response Syntax	252
Response Elements	253
Errors	253
See Also	255
ListProfiles	256
Request Syntax	256
URI Request Parameters	256
Request Body	256
Response Syntax	256
Response Elements	257
Errors	257
See Also	259
ListProfileShares	260
Request Syntax	260
URI Request Parameters	260
Request Body	261
Response Syntax	261
Response Elements	261
Errors	262
See Also	263

ListReviewTemplateAnswers	265
Request Syntax	265
URI Request Parameters	265
Request Body	266
Response Syntax	266
Response Elements	267
Errors	268
See Also	270
ListReviewTemplates	271
Request Syntax	271
URI Request Parameters	271
Request Body	271
Response Syntax	271
Response Elements	272
Errors	272
See Also	273
ListShareInvitations	275
Request Syntax	275
URI Request Parameters	275
Request Body	276
Response Syntax	276
Response Elements	277
Errors	277
See Also	278
ListTagsForResource	280
Request Syntax	280
URI Request Parameters	280
Request Body	280
Response Syntax	280
Response Elements	281
Errors	281
See Also	282
ListTemplateShares	283
Request Syntax	283
URI Request Parameters	283
Request Body	284

Response Syntax	284
Response Elements	284
Errors	285
See Also	286
ListWorkloads	288
Request Syntax	288
URI Request Parameters	288
Request Body	288
Response Syntax	289
Response Elements	289
Errors	290
See Also	291
ListWorkloadShares	293
Request Syntax	293
URI Request Parameters	293
Request Body	294
Response Syntax	294
Response Elements	294
Errors	295
See Also	296
TagResource	298
Request Syntax	298
URI Request Parameters	298
Request Body	298
Response Syntax	299
Response Elements	299
Errors	299
See Also	300
UntagResource	301
Request Syntax	301
URI Request Parameters	301
Request Body	301
Response Syntax	302
Response Elements	302
Errors	302
See Also	302

UpdateAnswer	304
Request Syntax	304
URI Request Parameters	304
Request Body	305
Response Syntax	306
Response Elements	308
Errors	309
See Also	311
UpdateGlobalSettings	312
Request Syntax	312
URI Request Parameters	312
Request Body	312
Response Syntax	313
Response Elements	313
Errors	313
See Also	315
UpdateIntegration	316
Request Syntax	316
URI Request Parameters	316
Request Body	316
Response Syntax	317
Response Elements	317
Errors	317
See Also	319
UpdateLensReview	321
Request Syntax	321
URI Request Parameters	321
Request Body	322
Response Syntax	323
Response Elements	324
Errors	324
See Also	326
UpdateProfile	328
Request Syntax	328
URI Request Parameters	328
Request Body	328

Response Syntax	329
Response Elements	330
Errors	330
See Also	332
UpdateReviewTemplate	333
Request Syntax	333
URI Request Parameters	333
Request Body	333
Response Syntax	335
Response Elements	335
Errors	336
See Also	338
UpdateReviewTemplateAnswer	339
Request Syntax	339
URI Request Parameters	339
Request Body	340
Response Syntax	341
Response Elements	343
Errors	343
See Also	345
UpdateReviewTemplateLensReview	347
Request Syntax	347
URI Request Parameters	347
Request Body	348
Response Syntax	348
Response Elements	349
Errors	350
See Also	352
UpdateShareInvitation	353
Request Syntax	353
URI Request Parameters	353
Request Body	353
Response Syntax	354
Response Elements	354
Errors	354
See Also	356

UpdateWorkload	358
Request Syntax	358
URI Request Parameters	358
Request Body	359
Response Syntax	364
Response Elements	365
Errors	365
See Also	367
UpdateWorkloadShare	369
Request Syntax	369
URI Request Parameters	369
Request Body	369
Response Syntax	370
Response Elements	370
Errors	371
See Also	373
UpgradeLensReview	374
Request Syntax	374
URI Request Parameters	374
Request Body	375
Response Syntax	376
Response Elements	376
Errors	376
See Also	378
UpgradeProfileVersion	380
Request Syntax	380
URI Request Parameters	380
Request Body	380
Response Syntax	381
Response Elements	382
Errors	382
See Also	384
UpgradeReviewTemplateLensReview	385
Request Syntax	385
URI Request Parameters	385
Request Body	386

Response Syntax	386
Response Elements	386
Errors	386
See Also	388
Data Types	390
AccountJiraConfigurationInput	393
Contents	393
See Also	394
AccountJiraConfigurationOutput	395
Contents	395
See Also	396
AdditionalResources	397
Contents	397
See Also	397
Answer	398
Contents	398
See Also	401
AnswerSummary	402
Contents	402
See Also	404
BestPractice	405
Contents	405
See Also	405
CheckDetail	406
Contents	406
See Also	408
CheckSummary	410
Contents	410
See Also	412
Choice	413
Contents	413
See Also	414
ChoiceAnswer	415
Contents	415
See Also	416
ChoiceAnswerSummary	417

Contents	417
See Also	417
ChoiceContent	419
Contents	419
See Also	419
ChoiceImprovementPlan	420
Contents	420
See Also	420
ChoiceUpdate	422
Contents	422
See Also	422
ConsolidatedReportMetric	424
Contents	424
See Also	425
ImprovementSummary	427
Contents	427
See Also	428
JiraConfiguration	429
Contents	429
See Also	429
JiraSelectedQuestionConfiguration	430
Contents	430
See Also	430
Lens	431
Contents	431
See Also	432
LensMetric	433
Contents	433
See Also	433
LensReview	435
Contents	435
See Also	438
LensReviewReport	439
Contents	439
See Also	440
LensReviewSummary	441

Contents	441
See Also	443
LensShareSummary	444
Contents	444
See Also	445
LensSummary	446
Contents	446
See Also	448
LensUpgradeSummary	449
Contents	449
See Also	451
Milestone	452
Contents	452
See Also	453
MilestoneSummary	454
Contents	454
See Also	455
NotificationSummary	456
Contents	456
See Also	456
PillarDifference	457
Contents	457
See Also	458
PillarMetric	459
Contents	459
See Also	459
PillarReviewSummary	461
Contents	461
See Also	462
Profile	463
Contents	463
See Also	465
ProfileChoice	466
Contents	466
See Also	466
ProfileNotificationSummary	468

Contents	468
See Also	469
ProfileQuestion	471
Contents	471
See Also	472
ProfileQuestionUpdate	473
Contents	473
See Also	473
ProfileShareSummary	474
Contents	474
See Also	475
ProfileSummary	476
Contents	476
See Also	477
ProfileTemplate	478
Contents	478
See Also	478
ProfileTemplateChoice	480
Contents	480
See Also	480
ProfileTemplateQuestion	482
Contents	482
See Also	483
QuestionDifference	484
Contents	484
See Also	484
QuestionMetric	486
Contents	486
See Also	486
ReviewTemplate	488
Contents	488
See Also	490
ReviewTemplateAnswer	492
Contents	492
See Also	495
ReviewTemplateAnswerSummary	496

Contents	496
See Also	498
ReviewTemplateLensReview	499
Contents	499
See Also	501
ReviewTemplatePillarReviewSummary	502
Contents	502
See Also	503
ReviewTemplateSummary	504
Contents	504
See Also	505
SelectedPillar	507
Contents	507
See Also	507
ShareInvitation	508
Contents	508
See Also	510
ShareInvitationSummary	511
Contents	511
See Also	514
TemplateShareSummary	515
Contents	515
See Also	516
ValidationExceptionField	517
Contents	517
See Also	517
VersionDifferences	518
Contents	518
See Also	518
Workload	519
Contents	519
See Also	526
WorkloadDiscoveryConfig	527
Contents	527
See Also	527
WorkloadJiraConfigurationInput	528

Contents	528
See Also	528
WorkloadJiraConfigurationOutput	530
Contents	530
See Also	531
WorkloadProfile	532
Contents	532
See Also	532
WorkloadShare	533
Contents	533
See Also	534
WorkloadShareSummary	536
Contents	536
See Also	537
WorkloadSummary	538
Contents	538
See Also	540
Common Parameters	541
Common Errors	544

Welcome

This is the *AWS Well-Architected Tool API Reference*. The AWS WA Tool API provides programmatic access to the [AWS Well-Architected Tool](#) in the [AWS Management Console](#). For information about the AWS Well-Architected Tool, see the [AWS Well-Architected Tool User Guide](#).

This document was last published on March 10, 2026.

Actions

The following actions are supported:

- [AssociateLenses](#)
- [AssociateProfiles](#)
- [CreateLensShare](#)
- [CreateLensVersion](#)
- [CreateMilestone](#)
- [CreateProfile](#)
- [CreateProfileShare](#)
- [CreateReviewTemplate](#)
- [CreateTemplateShare](#)
- [CreateWorkload](#)
- [CreateWorkloadShare](#)
- [DeleteLens](#)
- [DeleteLensShare](#)
- [DeleteProfile](#)
- [DeleteProfileShare](#)
- [DeleteReviewTemplate](#)
- [DeleteTemplateShare](#)
- [DeleteWorkload](#)
- [DeleteWorkloadShare](#)
- [DisassociateLenses](#)
- [DisassociateProfiles](#)
- [ExportLens](#)
- [GetAnswer](#)
- [GetConsolidatedReport](#)
- [GetGlobalSettings](#)
- [GetLens](#)
- [GetLensReview](#)

- [GetLensReviewReport](#)
- [GetLensVersionDifference](#)
- [GetMilestone](#)
- [GetProfile](#)
- [GetProfileTemplate](#)
- [GetReviewTemplate](#)
- [GetReviewTemplateAnswer](#)
- [GetReviewTemplateLensReview](#)
- [GetWorkload](#)
- [ImportLens](#)
- [ListAnswers](#)
- [ListCheckDetails](#)
- [ListCheckSummaries](#)
- [ListLenses](#)
- [ListLensReviewImprovements](#)
- [ListLensReviews](#)
- [ListLensShares](#)
- [ListMilestones](#)
- [ListNotifications](#)
- [ListProfileNotifications](#)
- [ListProfiles](#)
- [ListProfileShares](#)
- [ListReviewTemplateAnswers](#)
- [ListReviewTemplates](#)
- [ListShareInvitations](#)
- [ListTagsForResource](#)
- [ListTemplateShares](#)
- [ListWorkloads](#)
- [ListWorkloadShares](#)
- [TagResource](#)

- [UntagResource](#)
- [UpdateAnswer](#)
- [UpdateGlobalSettings](#)
- [UpdateIntegration](#)
- [UpdateLensReview](#)
- [UpdateProfile](#)
- [UpdateReviewTemplate](#)
- [UpdateReviewTemplateAnswer](#)
- [UpdateReviewTemplateLensReview](#)
- [UpdateShareInvitation](#)
- [UpdateWorkload](#)
- [UpdateWorkloadShare](#)
- [UpgradeLensReview](#)
- [UpgradeProfileVersion](#)
- [UpgradeReviewTemplateLensReview](#)

AssociateLenses

Associate a lens to a workload.

Up to 10 lenses can be associated with a workload in a single API operation. A maximum of 20 lenses can be associated with a workload.

Note

Disclaimer

By accessing and/or applying custom lenses created by another AWS user or account, you acknowledge that custom lenses created by other users and shared with you are Third Party Content as defined in the AWS Customer Agreement.

Request Syntax

```
PATCH /workloads/WorkloadId/associateLenses HTTP/1.1
```

```
Content-type: application/json
```

```
{  
  "LensAliases": [ "string" ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

LensAliases

List of lens aliases to associate or disassociate with a workload. Up to 10 lenses can be specified.

Identify a lens using its [LensSummary:LensAlias](#).

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

AssociateProfiles

Associate a profile with a workload.

Request Syntax

```
PATCH /workloads/WorkloadId/associateProfiles HTTP/1.1  
Content-type: application/json
```

```
{  
  "ProfileArns": [ "string" ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ProfileArns

The list of profile ARNs to associate with the workload.

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateLensShare

Create a lens share.

The owner of a lens can share it with other AWS accounts, users, an organization, and organizational units (OUs) in the same AWS Region. Lenses provided by AWS (AWS Official Content) cannot be shared.

Shared access to a lens is not removed until the lens invitation is deleted.

If you share a lens with an organization or OU, all accounts in the organization or OU are granted access to the lens.

For more information, see [Sharing a custom lens](#) in the *AWS Well-Architected Tool User Guide*.

Note

Disclaimer

By sharing your custom lenses with other AWS accounts, you acknowledge that AWS will make your custom lenses available to those other accounts. Those other accounts may continue to access and use your shared custom lenses even if you delete the custom lenses from your own AWS account or terminate your AWS account.

Request Syntax

```
POST /lenses/LensAlias/shares HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "SharedWith": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Request Body

The request accepts the following data in JSON format.

[ClientRequestToken](#)

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ShareId

The ID associated with the share.

Type: String

Pattern: [0-9a-f]{32}

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateLensVersion

Create a new lens version.

A lens can have up to 100 versions.

Use this operation to publish a new lens version after you have imported a lens. The `LensAlias` is used to identify the lens to be published. The owner of a lens can share the lens with other AWS accounts and users in the same AWS Region. Only the owner of a lens can delete it.

Request Syntax

```
POST /lenses/LensAlias/versions HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "IsMajorVersion": boolean,
  "LensVersion": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

IsMajorVersion

Set to true if this new major lens version.

Type: Boolean

Required: No

LensVersion

The version of the lens being created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensArn": "string",
  "LensVersion": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensArn

The ARN for the lens.

Type: String

LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateMilestone

Create a milestone for an existing workload.

Request Syntax

```
POST /workloads/WorkloadId/milestones HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "MilestoneName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

⚠ Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "MilestoneNumber": number,
  "WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateProfile

Create a profile.

Request Syntax

```
POST /profiles HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "ProfileDescription": "string",
  "ProfileName": "string",
  "ProfileQuestions": [
    {
      "QuestionId": "string",
      "SelectedChoiceIds": [ "string" ]
    }
  ],
  "Tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

⚠ Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F]*$`

Required: Yes

ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

ProfileName

Name of the profile.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

ProfileQuestions

The profile questions.

Type: Array of [ProfileQuestionUpdate](#) objects

Required: Yes

Tags

The tags assigned to the profile.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ProfileArn": "string",
  "ProfileVersion": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ProfileArn](#)

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

[ProfileVersion](#)

Version of the profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateProfileShare

Create a profile share.

Request Syntax

```
POST /profiles/ProfileArn/shares HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "SharedWith": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

⚠ Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "ProfileArn": "string",
  "ShareId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d{12}:profile/[a-z0-9]+`

ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateReviewTemplate

Create a review template.

Note

Disclaimer

Do not include or gather personal identifiable information (PII) of end users or other identifiable individuals in or via your review templates. If your review template or those shared with you and used in your account do include or collect PII you are responsible for: ensuring that the included PII is processed in accordance with applicable law, providing adequate privacy notices, and obtaining necessary consents for processing such data.

Request Syntax

```
POST /reviewTemplates HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "Description": "string",
  "Lenses": [ "string" ],
  "Notes": "string",
  "Tags": {
    "string" : "string"
  },
  "TemplateName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

Description

The review template description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

Required: Yes

Lenses

Lenses applied to the review template.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

Tags

The tags assigned to the review template.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

TemplateName

Name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+'\s]+`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "TemplateArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateTemplateShare

Create a review template share.

The owner of a review template can share it with other AWS accounts, users, an organization, and organizational units (OUs) in the same AWS Region.

Shared access to a review template is not removed until the review template share invitation is deleted.

If you share a review template with an organization or OU, all accounts in the organization or OU are granted access to the review template.

Note

Disclaimer

By sharing your review template with other AWS accounts, you acknowledge that AWS will make your review template available to those other accounts.

Request Syntax

```
POST /templates/shares/TemplateArn HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "SharedWith": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareId": "string",
  "TemplateArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ShareId](#)

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

[TemplateArn](#)

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateWorkload

Create a new workload.

The owner of a workload can share the workload with other AWS accounts, users, an organization, and organizational units (OUs) in the same AWS Region. Only the owner of a workload can delete it.

For more information, see [Defining a Workload](#) in the *AWS Well-Architected Tool User Guide*.

Important

Either `AwsRegions`, `NonAwsRegions`, or both must be specified when creating a workload.

You also must specify `ReviewOwner`, even though the parameter is listed as not being required in the following section.

When creating a workload using a review template, you must have the following IAM permissions:

- `wellarchitected:GetReviewTemplate`
- `wellarchitected:GetReviewTemplateAnswer`
- `wellarchitected:ListReviewTemplateAnswers`
- `wellarchitected:GetReviewTemplateLensReview`

Request Syntax

```
POST /workloads HTTP/1.1
Content-type: application/json
```

```
{
  "AccountIds": [ "string" ],
  "Applications": [ "string" ],
  "ArchitecturalDesign": "string",
  "AwsRegions": [ "string" ],
  "ClientRequestToken": "string",
  "Description": "string",
  "DiscoveryConfig": {
```

```
    "TrustedAdvisorIntegrationStatus": "string",
    "WorkloadResourceDefinition": [ "string" ]
  },
  "Environment": "string",
  "Industry": "string",
  "IndustryType": "string",
  "JiraConfiguration": {
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string"
  },
  "Lenses": [ "string" ],
  "NonAwsRegions": [ "string" ],
  "Notes": "string",
  "PillarPriorities": [ "string" ],
  "ProfileArns": [ "string" ],
  "ReviewOwner": "string",
  "ReviewTemplateArns": [ "string" ],
  "Tags": {
    "string" : "string"
  },
  "WorkloadName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

AccountIds

The list of AWS account IDs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 100 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

Applications

List of AppRegistry application ARNs associated to the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

ArchitecturalDesign

The URL of the architectural design for the workload.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^(|(https?|ftp):\\\/[^\s/$.?#].[^\s]*)$`

Required: No

AwsRegions

The list of AWS Regions associated with the workload, for example, `us-east-2`, or `ca-central-1`.

Type: Array of strings

Array Members: Maximum number of 50 items.

Length Constraints: Maximum length of 100.

Required: No

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

⚠ Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

Description

The description for the workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Required: Yes

DiscoveryConfig

Well-Architected discovery configuration settings associated to the workload.

Type: [WorkloadDiscoveryConfig](#) object

Required: No

Environment

The environment for the workload.

Type: String

Valid Values: PRODUCTION | PREPRODUCTION

Required: Yes

Industry

The industry for the workload.

Type: String

Length Constraints: Maximum length of 100.

Required: No

IndustryType

The industry type for the workload.

If specified, must be one of the following:

- Agriculture
- Automobile
- Defense
- Design and Engineering
- Digital Advertising
- Education
- Environmental Protection
- Financial Services
- Gaming
- General Public Services
- Healthcare
- Hospitality
- InfoTech
- Justice and Public Safety
- Life Sciences
- Manufacturing
- Media & Entertainment
- Mining & Resources
- Oil & Gas

- Power & Utilities
- Professional Services
- Real Estate & Construction
- Retail & Wholesale
- Social Protection
- Telecommunications
- Travel, Transportation & Logistics
- Other

Type: String

Length Constraints: Maximum length of 100.

Required: No

JiraConfiguration

Jira configuration settings when creating a workload.

Type: [WorkloadJiraConfigurationInput](#) object

Required: No

Lenses

The list of lenses associated with the workload. Each lens is identified by its [LensSummary:LensAlias](#).

If a review template that specifies lenses is applied to the workload, those lenses are applied to the workload in addition to these lenses.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

NonAwsRegions

The list of non-AWS Regions associated with the workload.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 3. Maximum length of 25.

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarPriorities

The priorities of the pillars, which are used to order items in the improvement plan. Each pillar is represented by its [PillarReviewSummary:PillarId](#).

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

ProfileArns

The list of profile ARNs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

ReviewOwner

The review owner of the workload. The name, email address, or identifier for the primary group or individual that owns the workload review process.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Required: No

ReviewTemplateArns

The list of review template ARNs to associate with the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

Tags

The tags to be associated with the workload.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "WorkloadArn": "string",
  "WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[WorkloadArn](#)

The ARN for the workload.

Type: String

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateWorkloadShare

Create a workload share.

The owner of a workload can share it with other AWS accounts and users in the same AWS Region. Shared access to a workload is not removed until the workload invitation is deleted.

If you share a workload with an organization or OU, all accounts in the organization or OU are granted access to the workload.

For more information, see [Sharing a workload](#) in the *AWS Well-Architected Tool User Guide*.

Request Syntax

```
POST /workloads/WorkloadId/shares HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "PermissionType": "string",
  "SharedWith": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: Yes

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareId": "string",
  "WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ShareId](#)

The ID associated with the share.

Type: String

Pattern: [0-9a-f]{32}

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteLens

Delete an existing lens.

Only the owner of a lens can delete it. After the lens is deleted, AWS accounts and users that you shared the lens with can continue to use it, but they will no longer be able to apply it to new workloads.

Note

Disclaimer

By sharing your custom lenses with other AWS accounts, you acknowledge that AWS will make your custom lenses available to those other accounts. Those other accounts may continue to access and use your shared custom lenses even if you delete the custom lenses from your own AWS account or terminate your AWS account.

Request Syntax

```
DELETE /lenses/LensAlias?ClientRequestToken=ClientRequestToken&LensStatus=LensStatus
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

⚠ Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F\]*$`

Required: Yes

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

LensStatus

The status of the lens to be deleted.

Valid Values: ALL | DRAFT | PUBLISHED

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteLensShare

Delete a lens share.

After the lens share is deleted, AWS accounts, users, organizations, and organizational units (OUs) that you shared the lens with can continue to use it, but they will no longer be able to apply it to new workloads.

Note

Disclaimer

By sharing your custom lenses with other AWS accounts, you acknowledge that AWS will make your custom lenses available to those other accounts. Those other accounts may continue to access and use your shared custom lenses even if you delete the custom lenses from your own AWS account or terminate your AWS account.

Request Syntax

```
DELETE /lenses/LensAlias/shares/ShareId?ClientRequestToken=ClientRequestToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F\]*$`

Required: Yes

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteProfile

Delete a profile.

Note

Disclaimer

By sharing your profile with other AWS accounts, you acknowledge that AWS will make your profile available to those other accounts. Those other accounts may continue to access and use your shared profile even if you delete the profile from your own AWS account or terminate your AWS account.

Request Syntax

```
DELETE /profiles/ProfileArn?ClientRequestToken=ClientRequestToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F]*$`

Required: Yes

ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

DeleteProfileShare

Delete a profile share.

Request Syntax

```
DELETE /profiles/ProfileArn/shares/ShareId?ClientRequestToken=ClientRequestToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F]*$`

Required: Yes

ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

DeleteReviewTemplate

Delete a review template.

Only the owner of a review template can delete it.

After the review template is deleted, AWS accounts, users, organizations, and organizational units (OUs) that you shared the review template with will no longer be able to apply it to new workloads.

Request Syntax

```
DELETE /reviewTemplates/TemplateArn?ClientRequestToken=ClientRequestToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteTemplateShare

Delete a review template share.

After the review template share is deleted, AWS accounts, users, organizations, and organizational units (OUs) that you shared the review template with will no longer be able to apply it to new workloads.

Request Syntax

```
DELETE /templates/shares/TemplateArn/ShareId?ClientRequestToken=ClientRequestToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteWorkload

Delete an existing workload.

Request Syntax

```
DELETE /workloads/WorkloadId?ClientRequestToken=ClientRequestToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteWorkloadShare

Delete a workload share.

Request Syntax

```
DELETE /workloads/WorkloadId/shares/ShareId?ClientRequestToken=ClientRequestToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

DisassociateLenses

Disassociate a lens from a workload.

Up to 10 lenses can be disassociated from a workload in a single API operation.

Note

The AWS Well-Architected Framework lens (`wellarchitected`) cannot be removed from a workload.

Request Syntax

```
PATCH /workloads/WorkloadId/disassociateLenses HTTP/1.1  
Content-type: application/json
```

```
{  
  "LensAliases": [ "string" ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

LensAliases

List of lens aliases to associate or disassociate with a workload. Up to 10 lenses can be specified.

Identify a lens using its [LensSummary:LensAlias](#).

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateProfiles

Disassociate a profile from a workload.

Request Syntax

```
PATCH /workloads/WorkloadId/disassociateProfiles HTTP/1.1
Content-type: application/json

{
  "ProfileArns": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ProfileArns

The list of profile ARNs to disassociate from the workload.

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ExportLens

Export an existing lens.

Only the owner of a lens can export it. Lenses provided by AWS (AWS Official Content) cannot be exported.

Lenses are defined in JSON. For more information, see [JSON format specification](#) in the *AWS Well-Architected Tool User Guide*.

Note

Disclaimer

Do not include or gather personal identifiable information (PII) of end users or other identifiable individuals in or via your custom lenses. If your custom lens or those shared with you and used in your account do include or collect PII you are responsible for: ensuring that the included PII is processed in accordance with applicable law, providing adequate privacy notices, and obtaining necessary consents for processing such data.

Request Syntax

```
GET /lenses/LensAlias/export?LensVersion=LensVersion HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

LensVersion

The lens version to be exported.

Length Constraints: Minimum length of 1. Maximum length of 32.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensJSON": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensJSON

The JSON representation of a lens.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 500000.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAnswer

Get the answer to a specific question in a workload review.

Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/answers/QuestionId?  
MilestoneNumber=MilestoneNumber HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
        "Status": "string"
      }
    ],
    "Choices": [
      {
        "AdditionalResources": [
          {
            "Content": [
              {
                "DisplayText": "string",
                "Url": "string"
              }
            ],
            "Type": "string"
          }
        ]
      }
    ]
  }
}
```

```

    }
  ],
  "ChoiceId": "string",
  "Description": "string",
  "HelpfulResource": {
    "DisplayText": "string",
    "Url": "string"
  },
  "ImprovementPlan": {
    "DisplayText": "string",
    "Url": "string"
  },
  "Title": "string"
}
],
"HelpfulResourceDisplayText": "string",
"HelpfulResourceUrl": "string",
"ImprovementPlanUrl": "string",
"IsApplicable": boolean,
"JiraConfiguration": {
  "JiraIssueUrl": "string",
  "LastSyncedTime": number
},
"Notes": "string",
"PillarId": "string",
"QuestionDescription": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Reason": "string",
"Risk": "string",
"SelectedChoices": [ "string" ]
},
"LensAlias": "string",
"LensArn": "string",
"MilestoneNumber": number,
"WorkloadId": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Answer

An answer of the question.

Type: [Answer](#) object

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

LensArn

The ARN for the lens.

Type: String

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetConsolidatedReport

Get a consolidated report of your workloads.

You can optionally choose to include workloads that have been shared with you.

Request Syntax

```
GET /consolidatedReport?  
Format=Format&IncludeSharedResources=IncludeSharedResources&MaxResults=MaxResults&NextToken=Nex  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Format

The format of the consolidated report.

For PDF, Base64String is returned. For JSON, Metrics is returned.

Valid Values: PDF | JSON

Required: Yes

IncludeSharedResources

Set to true to have shared resources included in the report.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 15.

NextToken

The token to use to retrieve the next set of results.

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "Base64String": "string",
  "Metrics": [
    {
      "Lenses": [
        {
          "LensArn": "string",
          "Pillars": [
            {
              "PillarId": "string",
              "Questions": [
                {
                  "BestPractices": [
                    {
                      "ChoiceId": "string",
                      "ChoiceTitle": "string"
                    }
                  ],
                  "QuestionId": "string",
                  "Risk": "string"
                }
              ],
              "RiskCounts": {
                "string" : number
              }
            }
          ],
          "RiskCounts": {
            "string" : number
          }
        }
      ],
      "LensesAppliedCount": number,
      "MetricType": "string",
      "RiskCounts": {
        "string" : number
      },
      "UpdatedAt": number,
    }
  ]
}
```

```
    "WorkloadArn": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
],
"NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Base64String

The Base64-encoded string representation of a lens review report.

This data can be used to create a PDF file.

Only returned by [GetConsolidatedReport](#) when PDF format is requested.

Type: String

Metrics

The metrics that make up the consolidated report.

Only returned when JSON format is requested.

Type: Array of [ConsolidatedReportMetric](#) objects

NextToken

The token to use to retrieve the next set of results.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetGlobalSettings

Global settings for all workloads.

Request Syntax

```
GET /global-settings HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "DiscoveryIntegrationStatus": "string",
  "JiraConfiguration": {
    "IntegrationStatus": "string",
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string",
    "StatusMessage": "string",
    "Subdomain": "string"
  },
  "OrganizationSharingStatus": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

DiscoveryIntegrationStatus

Discovery integration status.

Type: String

Valid Values: ENABLED | DISABLED

JiraConfiguration

Jira configuration status.

Type: [AccountJiraConfigurationOutput](#) object

OrganizationSharingStatus

AWS Organizations sharing status.

Type: String

Valid Values: ENABLED | DISABLED

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetLens

Get an existing lens.

Request Syntax

```
GET /lenses/LensAlias?LensVersion=LensVersion HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

LensVersion

The lens version to be retrieved.

Length Constraints: Minimum length of 1. Maximum length of 32.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "Lens": {
    "Description": "string",
    "LensArn": "string",
    "LensVersion": "string",
    "Name": "string",
    "Owner": "string",
    "ShareInvitationId": "string",
    "Tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Lens

A lens return object.

Type: [Lens](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetLensReview

Get lens review.

Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias?MilestoneNumber=MilestoneNumber
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReview": {
    "JiraConfiguration": {
      "SelectedPillars": [
        {
          "PillarId": "string",
          "SelectedQuestionIds": [ "string" ]
        }
      ]
    },
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "PrioritizedRiskCounts": {
          "string" : number
        },
        "RiskCounts": {
          "string" : number
        }
      }
    ]
  }
}
```

```
    ],
    "PrioritizedRiskCounts": {
      "string" : number
    },
    "Profiles": [
      {
        "ProfileArn": "string",
        "ProfileVersion": "string"
      }
    ],
    "RiskCounts": {
      "string" : number
    },
    "UpdatedAt": number
  },
  "MilestoneNumber": number,
  "WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensReview

A lens review of a question.

Type: [LensReview](#) object

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetLensReviewReport

Get lens review report.

Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/report?MilestoneNumber=MilestoneNumber
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReviewReport": {
    "Base64String": "string",
    "LensAlias": "string",
    "LensArn": "string"
  },
  "MilestoneNumber": number,
  "WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[LensReviewReport](#)

A report of a lens review.

Type: [LensReviewReport](#) object

[MilestoneNumber](#)

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetLensVersionDifference

Get lens version differences.

Request Syntax

```
GET /lenses/LensAlias/versionDifference?  
BaseLensVersion=BaseLensVersion&TargetLensVersion=TargetLensVersion HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

BaseLensVersion

The base version of the lens.

Length Constraints: Minimum length of 1. Maximum length of 32.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

TargetLensVersion

The lens version to target a difference for.

Length Constraints: Minimum length of 1. Maximum length of 32.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "BaseLensVersion": "string",
  "LatestLensVersion": "string",
  "LensAlias": "string",
  "LensArn": "string",
  "TargetLensVersion": "string",
  "VersionDifferences": {
    "PillarDifferences": [
      {
        "DifferenceStatus": "string",
        "PillarId": "string",
        "PillarName": "string",
        "QuestionDifferences": [
          {
            "DifferenceStatus": "string",
            "QuestionId": "string",
            "QuestionTitle": "string"
          }
        ]
      }
    ]
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

BaseLensVersion

The base version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

LatestLensVersion

The latest version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

LensArn

The ARN for the lens.

Type: String

TargetLensVersion

The target lens version for the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

VersionDifferences

The differences between the base and latest versions of the lens.

Type: [VersionDifferences](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetMilestone

Get a milestone for an existing workload.

Request Syntax

```
GET /workloads/WorkloadId/milestones/MilestoneNumber HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Milestone": {
```

```
"MilestoneName": "string",
"MilestoneNumber": number,
"RecordedAt": number,
"Workload": {
  "AccountIds": [ "string" ],
  "Applications": [ "string" ],
  "ArchitecturalDesign": "string",
  "AwsRegions": [ "string" ],
  "Description": "string",
  "DiscoveryConfig": {
    "TrustedAdvisorIntegrationStatus": "string",
    "WorkloadResourceDefinition": [ "string" ]
  },
  "Environment": "string",
  "ImprovementStatus": "string",
  "Industry": "string",
  "IndustryType": "string",
  "IsReviewOwnerUpdateAcknowledged": boolean,
  "JiraConfiguration": {
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string",
    "StatusMessage": "string"
  },
  "Lenses": [ "string" ],
  "NonAwsRegions": [ "string" ],
  "Notes": "string",
  "Owner": "string",
  "PillarPriorities": [ "string" ],
  "PrioritizedRiskCounts": {
    "string" : number
  },
  "Profiles": [
    {
      "ProfileArn": "string",
      "ProfileVersion": "string"
    }
  ],
  "ReviewOwner": "string",
  "ReviewRestrictionDate": number,
  "RiskCounts": {
    "string" : number
  },
  "ShareInvitationId": "string",
```

```
    "Tags": {
      "string" : "string"
    },
    "UpdatedAt": number,
    "WorkloadArn": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
},
"WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Milestone

A milestone return object.

Type: [Milestone](#) object

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetProfile

Get profile information.

Request Syntax

```
GET /profiles/ProfileArn?ProfileVersion=ProfileVersion HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

ProfileVersion

The profile version.

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```
"Profile": {
  "CreatedAt": number,
  "Owner": "string",
  "ProfileArn": "string",
  "ProfileDescription": "string",
  "ProfileName": "string",
  "ProfileQuestions": [
    {
      "MaxSelectedChoices": number,
      "MinSelectedChoices": number,
      "QuestionChoices": [
        {
          "ChoiceDescription": "string",
          "ChoiceId": "string",
          "ChoiceTitle": "string"
        }
      ],
      "QuestionDescription": "string",
      "QuestionId": "string",
      "QuestionTitle": "string",
      "SelectedChoiceIds": [ "string" ]
    }
  ],
  "ProfileVersion": "string",
  "ShareInvitationId": "string",
  "Tags": {
    "string" : "string"
  },
  "UpdatedAt": number
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Profile

The profile.

Type: [Profile](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

GetProfileTemplate

Get profile template.

Request Syntax

```
GET /profileTemplate HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ProfileTemplate": {
    "CreatedAt": number,
    "TemplateName": "string",
    "TemplateQuestions": [
      {
        "MaxSelectedChoices": number,
        "MinSelectedChoices": number,
        "QuestionChoices": [
          {
            "ChoiceDescription": "string",
            "ChoiceId": "string",
            "ChoiceTitle": "string"
          }
        ],
        "QuestionDescription": "string",
        "QuestionId": "string",
        "QuestionTitle": "string"
      }
    ],
  }
},
```

```
    "UpdatedAt": number
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ProfileTemplate

The profile template.

Type: [ProfileTemplate](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetReviewTemplate

Get review template.

Request Syntax

```
GET /reviewTemplates/TemplateArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ReviewTemplate": {
    "Description": "string",
    "Lenses": [ "string" ],
    "Notes": "string",
    "Owner": "string",
    "QuestionCounts": {
      "string": number
    },
  },
}
```

```
"ShareInvitationId": "string",
"Tags": {
  "string" : "string"
},
"TemplateArn": "string",
"TemplateName": "string",
"UpdatedAt": number,
"UpdateStatus": "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[ReviewTemplate](#)

The review template.

Type: [ReviewTemplate](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetReviewTemplateAnswer

Get review template answer.

Request Syntax

```
GET /reviewTemplates/TemplateArn/lensReviews/LensAlias/answers/QuestionId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "AnswerStatus": "string",
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
        "Status": "string"
      }
    ],
    "Choices": [
      {
        "AdditionalResources": [
          {
            "Content": [
              {
                "DisplayText": "string",
                "Url": "string"
              }
            ],
            "Type": "string"
          }
        ],
        "ChoiceId": "string",
        "Description": "string",
        "HelpfulResource": {
          "DisplayText": "string",
```

```
        "Url": "string"
    },
    "ImprovementPlan": {
        "DisplayText": "string",
        "Url": "string"
    },
    "Title": "string"
}
],
"HelpfulResourceDisplayText": "string",
"HelpfulResourceUrl": "string",
"ImprovementPlanUrl": "string",
"IsApplicable": boolean,
"Notes": "string",
"PillarId": "string",
"QuestionDescription": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Reason": "string",
"SelectedChoices": [ "string" ]
},
"LensAlias": "string",
"TemplateArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Answer

An answer of the question.

Type: [ReviewTemplateAnswer](#) object

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetReviewTemplateLensReview

Get a lens review associated with a review template.

Request Syntax

```
GET /reviewTemplates/TemplateArn/lensReviews/LensAlias HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\\d:\\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReview": {
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "QuestionCounts": {
          "string" : number
        }
      }
    ],
    "QuestionCounts": {
      "string" : number
    },
    "UpdatedAt": number
  },
  "TemplateArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensReview

A lens review of a question.

Type: [ReviewTemplateLensReview](#) object

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetWorkload

Get an existing workload.

Request Syntax

```
GET /workloads/WorkloadId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Workload": {
    "AccountIds": [ "string" ],
    "Applications": [ "string" ],
    "ArchitecturalDesign": "string",
    "AwsRegions": [ "string" ],
    "Description": "string",
    "DiscoveryConfig": {
      "TrustedAdvisorIntegrationStatus": "string",
      "WorkloadResourceDefinition": [ "string" ]
    }
  },
}
```

```
"Environment": "string",
"ImprovementStatus": "string",
"Industry": "string",
"IndustryType": "string",
"IsReviewOwnerUpdateAcknowledged": boolean,
"JiraConfiguration": {
  "IssueManagementStatus": "string",
  "IssueManagementType": "string",
  "JiraProjectKey": "string",
  "StatusMessage": "string"
},
"Lenses": [ "string" ],
"NonAwsRegions": [ "string" ],
"Notes": "string",
"Owner": "string",
"PillarPriorities": [ "string" ],
"PrioritizedRiskCounts": {
  "string" : number
},
"Profiles": [
  {
    "ProfileArn": "string",
    "ProfileVersion": "string"
  }
],
"ReviewOwner": "string",
"ReviewRestrictionDate": number,
"RiskCounts": {
  "string" : number
},
"ShareInvitationId": "string",
"Tags": {
  "string" : "string"
},
"UpdatedAt": number,
"WorkloadArn": "string",
"WorkloadId": "string",
"WorkloadName": "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Workload

A workload return object.

Type: [Workload](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ImportLens

Import a new custom lens or update an existing custom lens.

To update an existing custom lens, specify its ARN as the `LensAlias`. If no ARN is specified, a new custom lens is created.

The new or updated lens will have a status of `DRAFT`. The lens cannot be applied to workloads or shared with other AWS accounts until it's published with [CreateLensVersion](#).

Lenses are defined in JSON. For more information, see [JSON format specification](#) in the *AWS Well-Architected Tool User Guide*.

A custom lens cannot exceed 500 KB in size.

Note

Disclaimer

Do not include or gather personal identifiable information (PII) of end users or other identifiable individuals in or via your custom lenses. If your custom lens or those shared with you and used in your account do include or collect PII you are responsible for: ensuring that the included PII is processed in accordance with applicable law, providing adequate privacy notices, and obtaining necessary consents for processing such data.

Request Syntax

```
PUT /importLens HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "JSONString": "string",
  "LensAlias": "string",
  "Tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

JSONString

The JSON representation of a lens.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 500000.

Required: Yes

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Tags

Tags to associate to a lens.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensArn": "string",
  "Status": "string"
}
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensArn

The ARN for the lens that was created or updated.

Type: String

Status

The status of the imported lens.

Type: String

Valid Values: IN_PROGRESS | COMPLETE | ERROR

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAnswers

List of answers for a particular workload and lens.

Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/answers?
MaxResults=MaxResults&MilestoneNumber=MilestoneNumber&NextToken=NextToken&PillarId=PillarId&Que
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

NextToken

The token to use to retrieve the next set of results.

PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Length Constraints: Minimum length of 1. Maximum length of 64.

QuestionPriority

The priority of the question.

Valid Values: PRIORITIZED | NONE

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "AnswerSummaries": [
    {
      "ChoiceAnswerSummaries": [
        {
          "ChoiceId": "string",
          "Reason": "string",
          "Status": "string"
        }
      ]
    }
  ]
}
```

```
],
  "Choices": [
    {
      "AdditionalResources": [
        {
          "Content": [
            {
              "DisplayText": "string",
              "Url": "string"
            }
          ],
          "Type": "string"
        }
      ],
      "ChoiceId": "string",
      "Description": "string",
      "HelpfulResource": {
        "DisplayText": "string",
        "Url": "string"
      },
      "ImprovementPlan": {
        "DisplayText": "string",
        "Url": "string"
      },
      "Title": "string"
    }
  ],
  "IsApplicable": boolean,
  "JiraConfiguration": {
    "JiraIssueUrl": "string",
    "LastSyncedTime": number
  },
  "PillarId": "string",
  "QuestionId": "string",
  "QuestionTitle": "string",
  "QuestionType": "string",
  "Reason": "string",
  "Risk": "string",
  "SelectedChoices": [ "string" ]
}
],
"LensAlias": "string",
"LensArn": "string",
"MilestoneNumber": number,
```

```
"NextToken": "string",  
"WorkloadId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AnswerSummaries

List of answer summaries of lens review in a workload.

Type: Array of [AnswerSummary](#) objects

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

LensArn

The ARN for the lens.

Type: String

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

NextToken

The token to use to retrieve the next set of results.

Type: String

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListCheckDetails

List of Trusted Advisor check details by account related to the workload.

Request Syntax

```
POST /workloads/WorkloadId/checks HTTP/1.1
Content-type: application/json
```

```
{
  "ChoiceId": "string",
  "LensArn": "string",
  "MaxResults": number,
  "NextToken": "string",
  "PillarId": "string",
  "QuestionId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

LensArn

Well-Architected Lens ARN.

Type: String

Required: Yes

MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "CheckDetails": [
    {
      "AccountId": "string",
      "ChoiceId": "string",
      "Description": "string",
      "FlaggedResources": number,
      "Id": "string",
      "LensArn": "string",
      "Name": "string",
      "PillarId": "string",
      "Provider": "string",
      "QuestionId": "string",
      "Reason": "string",
      "Status": "string",
      "UpdatedAt": number
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CheckDetails

The details about the Trusted Advisor checks related to the Well-Architected best practice.

Type: Array of [CheckDetail](#) objects

NextToken

The token to use to retrieve the next set of results.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListCheckSummaries

List of Trusted Advisor checks summarized for all accounts related to the workload.

Request Syntax

```
POST /workloads/WorkloadId/checkSummaries HTTP/1.1
Content-type: application/json
```

```
{
  "ChoiceId": "string",
  "LensArn": "string",
  "MaxResults": number,
  "NextToken": "string",
  "PillarId": "string",
  "QuestionId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

LensArn

Well-Architected Lens ARN.

Type: String

Required: Yes

MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "CheckSummaries": [
    {
      "AccountSummary": {
        "string" : number
      },
      "ChoiceId": "string",
      "Description": "string",
      "Id": "string",
      "LensArn": "string",
      "Name": "string",
      "PillarId": "string",
      "Provider": "string",
      "QuestionId": "string",
      "Status": "string",
      "UpdatedAt": number
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CheckSummaries

List of Trusted Advisor summaries related to the Well-Architected best practice.

Type: Array of [CheckSummary](#) objects

NextToken

The token to use to retrieve the next set of results.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListLenses

List the available lenses.

Request Syntax

```
GET /lenses?  
LensName=LensName&LensStatus=LensStatus&LensType=LensType&MaxResults=MaxResults&NextToken=NextToken  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensName

The full name of the lens.

Length Constraints: Minimum length of 1. Maximum length of 128.

LensStatus

The status of lenses to be returned.

Valid Values: ALL | DRAFT | PUBLISHED

LensType

The type of lenses to be returned.

Valid Values: AWS_OFFICIAL | CUSTOM_SHARED | CUSTOM_SELF

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensSummaries": [
    {
      "CreatedAt": number,
      "Description": "string",
      "LensAlias": "string",
      "LensArn": "string",
      "LensName": "string",
      "LensStatus": "string",
      "LensType": "string",
      "LensVersion": "string",
      "Owner": "string",
      "UpdatedAt": number
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensSummaries

List of lens summaries of available lenses.

Type: Array of [LensSummary](#) objects

NextToken

The token to use to retrieve the next set of results.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListLensReviewImprovements

List the improvements of a particular lens review.

Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/improvements?  
MaxResults=MaxResults&MilestoneNumber=MilestoneNumber&NextToken=NextToken&PillarId=PillarId&Que  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 100.

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

NextToken

The token to use to retrieve the next set of results.

PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Length Constraints: Minimum length of 1. Maximum length of 64.

QuestionPriority

The priority of the question.

Valid Values: PRIORITIZED | NONE

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ImprovementSummaries": [
    {
      "ImprovementPlans": [
        {
          "ChoiceId": "string",
```

```
        "DisplayText": "string",
        "ImprovementPlanUrl": "string"
    }
],
"ImprovementPlanUrl": "string",
"JiraConfiguration": {
    "JiraIssueUrl": "string",
    "LastSyncedTime": number
},
"PillarId": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Risk": "string"
}
],
"LensAlias": "string",
"LensArn": "string",
"MilestoneNumber": number,
"NextToken": "string",
"WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ImprovementSummaries

List of improvement summaries of lens review in a workload.

Type: Array of [ImprovementSummary](#) objects

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

[LensArn](#)

The ARN for the lens.

Type: String

[MilestoneNumber](#)

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

[NextToken](#)

The token to use to retrieve the next set of results.

Type: String

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListLensReviews

List lens reviews for a particular workload.

Request Syntax

```
GET /workloads/WorkloadId/lensReviews?  
MaxResults=MaxResults&MilestoneNumber=MilestoneNumber&NextToken=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

NextToken

The token to use to retrieve the next set of results.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReviewSummaries": [
    {
      "LensAlias": "string",
      "LensArn": "string",
      "LensName": "string",
      "LensStatus": "string",
      "LensVersion": "string",
      "PrioritizedRiskCounts": {
        "string" : number
      },
      "Profiles": [
        {
          "ProfileArn": "string",
          "ProfileVersion": "string"
        }
      ],
      "RiskCounts": {
        "string" : number
      },
      "UpdatedAt": number
    }
  ],
  "MilestoneNumber": number,
  "NextToken": "string",
  "WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensReviewSummaries

List of lens summaries of lens reviews of a workload.

Type: Array of [LensReviewSummary](#) objects

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

NextToken

The token to use to retrieve the next set of results.

Type: String

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListLensShares

List the lens shares associated with the lens.

Request Syntax

```
GET /lenses/LensAlias/shares?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

[MaxResults](#)

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

[NextToken](#)

The token to use to retrieve the next set of results.

[SharedWithPrefix](#)

The AWS account ID, organization ID, or organizational unit (OU) ID with which the lens is shared.

Length Constraints: Maximum length of 100.

Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensShareSummaries": [
    {
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ],
  "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensShareSummaries

A list of lens share summaries.

Type: Array of [LensShareSummary](#) objects

NextToken

The token to use to retrieve the next set of results.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListMilestones

List all milestones for an existing workload.

Request Syntax

```
POST /workloads/WorkloadId/milestonesSummaries HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "MilestoneSummaries": [
    {
      "MilestoneName": "string",
      "MilestoneNumber": number,
      "RecordedAt": number,
      "WorkloadSummary": {
        "ImprovementStatus": "string",
        "Lenses": [ "string" ],
        "Owner": "string",
        "PrioritizedRiskCounts": {
          "string" : number
        },
        "Profiles": [
          {
            "ProfileArn": "string",
            "ProfileVersion": "string"
          }
        ],
        "RiskCounts": {
          "string" : number
        },
        "UpdatedAt": number,
        "WorkloadArn": "string",
        "WorkloadId": "string",
        "WorkloadName": "string"
      }
    }
  ],
  "NextToken": "string",
```

```
"WorkloadId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MilestoneSummaries

A list of milestone summaries.

Type: Array of [MilestoneSummary](#) objects

NextToken

The token to use to retrieve the next set of results.

Type: String

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListNotifications

List lens notifications.

Request Syntax

```
POST /notifications HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string",
  "ResourceArn": "string",
  "WorkloadId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

ResourceArn

The ARN for the related resource for the notification.

Note

Only one of `WorkloadID` or `ResourceARN` should be specified.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "NotificationSummaries": [
    {
      "LensUpgradeSummary": {
        "CurrentLensVersion": "string",
```

```
    "LatestLensVersion": "string",
    "LensAlias": "string",
    "LensArn": "string",
    "ResourceArn": "string",
    "ResourceName": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  },
  "Type": "string"
}
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

NotificationSummaries

List of lens notification summaries in a workload.

Type: Array of [NotificationSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListProfileNotifications

List profile notifications.

Request Syntax

```
GET /profileNotifications/?
MaxResults=MaxResults&NextToken=NextToken&WorkloadId=WorkloadId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```
"NextToken": "string",
"NotificationSummaries": [
  {
    "CurrentProfileVersion": "string",
    "LatestProfileVersion": "string",
    "ProfileArn": "string",
    "ProfileName": "string",
    "Type": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

NotificationSummaries

Notification summaries.

Type: Array of [ProfileNotificationSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListProfiles

List profiles.

Request Syntax

```
GET /profileSummaries?  
MaxResults=MaxResults&NextToken=NextToken&ProfileNamePrefix=ProfileNamePrefix&ProfileOwnerType=  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

ProfileNamePrefix

An optional string added to the beginning of each profile name returned in the results.

Length Constraints: Maximum length of 100.

ProfileOwnerType

Profile owner type.

Valid Values: SELF | SHARED

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "NextToken": "string",
  "ProfileSummaries": [
    {
      "CreatedAt": number,
      "Owner": "string",
      "ProfileArn": "string",
      "ProfileDescription": "string",
      "ProfileName": "string",
      "ProfileVersion": "string",
      "UpdatedAt": number
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

ProfileSummaries

Profile summaries.

Type: Array of [ProfileSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListProfileShares

List profile shares.

Request Syntax

```
GET /profiles/ProfileArn/shares?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

SharedWithPrefix

The AWS account ID, organization ID, or organizational unit (OU) ID with which the profile is shared.

Length Constraints: Maximum length of 100.

Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "ProfileShareSummaries": [
    {
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

ProfileShareSummaries

Profile share summaries.

Type: Array of ProfileShareSummary objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListReviewTemplateAnswers

List the answers of a review template.

Request Syntax

```
GET /reviewTemplates/TemplateArn/lensReviews/LensAlias/answers?  
MaxResults=MaxResults&NextToken=NextToken&PillarId=PillarId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Length Constraints: Minimum length of 1. Maximum length of 64.

TemplateArn

The ARN of the review template.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "AnswerSummaries": [
    {
      "AnswerStatus": "string",
      "ChoiceAnswerSummaries": [
        {
          "ChoiceId": "string",
          "Reason": "string",
          "Status": "string"
        }
      ],
      "Choices": [
        {
          "AdditionalResources": [
            {
              "Content": [
                {
                  "DisplayText": "string",
                  "Url": "string"
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}
```

```

        }
      ],
      "Type": "string"
    }
  ],
  "ChoiceId": "string",
  "Description": "string",
  "HelpfulResource": {
    "DisplayText": "string",
    "Url": "string"
  },
  "ImprovementPlan": {
    "DisplayText": "string",
    "Url": "string"
  },
  "Title": "string"
}
],
"IsApplicable": boolean,
"PillarId": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"QuestionType": "string",
"Reason": "string",
"SelectedChoices": [ "string" ]
}
],
"LensAlias": "string",
"NextToken": "string",
"TemplateArn": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AnswerSummaries

List of answer summaries of a lens review in a review template.

Type: Array of [ReviewTemplateAnswerSummary](#) objects

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

NextToken

The token to use to retrieve the next set of results.

Type: String

TemplateArn

The ARN of the review template.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListReviewTemplates

List review templates.

Request Syntax

```
GET /reviewTemplates?MaxResults=MaxResults&NextToken=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "ReviewTemplates": [
    {
      "Description": "string",
      "Lenses": [ "string " ],
      "Owner": "string",
      "TemplateArn": "string",
      "TemplateName": "string",
      "UpdatedAt": number,

```

```
    "UpdateStatus": "string"  
  }  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

ReviewTemplates

List of review templates.

Type: Array of [ReviewTemplateSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListShareInvitations

List the share invitations.

`WorkloadNamePrefix`, `LensNamePrefix`, `ProfileNamePrefix`, and `TemplateNamePrefix` are mutually exclusive. Use the parameter that matches your `ShareResourceType`.

Request Syntax

```
GET /shareInvitations?  
LensNamePrefix=LensNamePrefix&MaxResults=MaxResults&NextToken=NextToken&ProfileNamePrefix=ProfileNamePrefix  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

LensNamePrefix

An optional string added to the beginning of each lens name returned in the results.

Length Constraints: Maximum length of 100.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

ProfileNamePrefix

An optional string added to the beginning of each profile name returned in the results.

Length Constraints: Maximum length of 100.

ShareResourceType

The type of share invitations to be returned.

Valid Values: WORKLOAD | LENS | PROFILE | TEMPLATE

TemplateNamePrefix

An optional string added to the beginning of each review template name returned in the results.

Length Constraints: Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

WorkloadNamePrefix

An optional string added to the beginning of each workload name returned in the results.

Length Constraints: Maximum length of 100.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "ShareInvitationSummaries": [
    {
      "LensArn": "string",
      "LensName": "string",
      "PermissionType": "string",
      "ProfileArn": "string",
      "ProfileName": "string",
      "SharedBy": "string",
      "SharedWith": "string",
      "ShareInvitationId": "string",
      "ShareResourceType": "string",
      "TemplateArn": "string",
      "TemplateName": "string",
      "WorkloadId": "string",
      "WorkloadName": "string"
    }
  ]
}
```

```
]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

ShareInvitationSummaries

List of share invitation summaries in a workload.

Type: Array of [ShareInvitationSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

List the tags for a resource.

Note

The `WorkloadArn` parameter can be a workload ARN, a custom lens ARN, a profile ARN, or review template ARN.

Request Syntax

```
GET /tags/WorkloadArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadArn

The ARN for the workload.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Tags

The tags for the resource.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTemplateShares

List review template shares.

Request Syntax

```
GET /templates/shares/TemplateArn?
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

SharedWithPrefix

The AWS account ID, organization ID, or organizational unit (OU) ID with which the profile is shared.

Length Constraints: Maximum length of 100.

Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "TemplateArn": "string",
  "TemplateShareSummaries": [
    {
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

TemplateShareSummaries

A review template share summary return object.

Type: Array of [TemplateShareSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListWorkloads

Paginated list of workloads.

Request Syntax

```
POST /workloadsSummaries HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string",
  "WorkloadNamePrefix": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

WorkloadNamePrefix

An optional string added to the beginning of each workload name returned in the results.

Type: String

Length Constraints: Maximum length of 100.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "WorkloadSummaries": [
    {
      "ImprovementStatus": "string",
      "Lenses": [ "string" ],
      "Owner": "string",
      "PrioritizedRiskCounts": {
        "string" : number
      },
      "Profiles": [
        {
          "ProfileArn": "string",
          "ProfileVersion": "string"
        }
      ],
      "RiskCounts": {
        "string" : number
      },
      "UpdatedAt": number,
      "WorkloadArn": "string",
      "WorkloadId": "string",
      "WorkloadName": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

WorkloadSummaries

A list of workload summaries.

Type: Array of [WorkloadSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListWorkloadShares

List the workload shares associated with the workload.

Request Syntax

```
GET /workloads/WorkloadId/shares?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

NextToken

The token to use to retrieve the next set of results.

SharedWithPrefix

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload is shared.

Length Constraints: Maximum length of 100.

Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "WorkloadId": "string",
  "WorkloadShareSummaries": [
    {
      "PermissionType": "string",
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

NextToken

The token to use to retrieve the next set of results.

Type: String

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

WorkloadShareSummaries

A list of workload share summaries.

Type: Array of [WorkloadShareSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Adds one or more tags to the specified resource.

Note

The `WorkloadArn` parameter can be a workload ARN, a custom lens ARN, a profile ARN, or review template ARN.

Request Syntax

```
POST /tags/WorkloadArn HTTP/1.1
Content-type: application/json
```

```
{
  "Tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadArn

The ARN for the workload.

Required: Yes

Request Body

The request accepts the following data in JSON format.

Tags

The tags for the resource.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Deletes specified tags from a resource.

Note

The `WorkloadArn` parameter can be a workload ARN, a custom lens ARN, a profile ARN, or review template ARN.

To specify multiple tags, use separate **tagKeys** parameters, for example:

```
DELETE /tags/WorkloadArn?tagKeys=key1&tagKeys=key2
```

Request Syntax

```
DELETE /tags/WorkloadArn?tagKeys=TagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

TagKeys

A list of tag keys. Existing tags of the resource whose keys are members of this list are removed from the resource.

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

WorkloadArn

The ARN for the workload.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateAnswer

Update the answer to a specific question in a workload review.

Request Syntax

```
PATCH /workloads/WorkloadId/lensReviews/LensAlias/answers/QuestionId HTTP/1.1  
Content-type: application/json
```

```
{  
  "ChoiceUpdates": {  
    "string" : {  
      "Notes": "string",  
      "Reason": "string",  
      "Status": "string"  
    }  
  },  
  "IsApplicable": boolean,  
  "Notes": "string",  
  "Reason": "string",  
  "SelectedChoices": [ "string" ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ChoiceUpdates

A list of choices to update on a question in your workload. The String key corresponds to the choice ID to be updated.

Type: String to [ChoiceUpdate](#) object map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

Reason

The reason why a question is not applicable to your workload.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
        "Status": "string"
      }
    ]
  }
}
```

```
    }
  ],
  "Choices": [
    {
      "AdditionalResources": [
        {
          "Content": [
            {
              "DisplayText": "string",
              "Url": "string"
            }
          ],
          "Type": "string"
        }
      ],
      "ChoiceId": "string",
      "Description": "string",
      "HelpfulResource": {
        "DisplayText": "string",
        "Url": "string"
      },
      "ImprovementPlan": {
        "DisplayText": "string",
        "Url": "string"
      },
      "Title": "string"
    }
  ],
  "HelpfulResourceDisplayText": "string",
  "HelpfulResourceUrl": "string",
  "ImprovementPlanUrl": "string",
  "IsApplicable": boolean,
  "JiraConfiguration": {
    "JiraIssueUrl": "string",
    "LastSyncedTime": number
  },
  "Notes": "string",
  "PillarId": "string",
  "QuestionDescription": "string",
  "QuestionId": "string",
  "QuestionTitle": "string",
  "Reason": "string",
  "Risk": "string",
  "SelectedChoices": [ "string" ]
}
```

```
},  
  "LensAlias": "string",  
  "LensArn": "string",  
  "WorkloadId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[Answer](#)

An answer of the question.

Type: [Answer](#) object

[LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

[LensArn](#)

The ARN for the lens.

Type: String

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateGlobalSettings

Update whether the AWS account is opted into organization sharing and discovery integration features.

Request Syntax

```
PATCH /global-settings HTTP/1.1
Content-type: application/json

{
  "DiscoveryIntegrationStatus": "string",
  "JiraConfiguration": {
    "IntegrationStatus": "string",
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string"
  },
  "OrganizationSharingStatus": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DiscoveryIntegrationStatus

The status of discovery support settings.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

JiraConfiguration

The status of Jira integration settings.

Type: [AccountJiraConfigurationInput](#) object

Required: No

[OrganizationSharingStatus](#)

The status of organization sharing settings.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateIntegration

Update integration features.

Request Syntax

```
POST /workloads/WorkloadId/updateIntegration HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "IntegratingService": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[ClientRequestToken](#)

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

⚠ Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

IntegratingService

Which integrated service to update.

Type: String

Valid Values: JIRA

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateLensReview

Update lens review for a particular workload.

Request Syntax

```
PATCH /workloads/WorkloadId/lensReviews/LensAlias HTTP/1.1
Content-type: application/json
```

```
{
  "JiraConfiguration": {
    "SelectedPillars": [
      {
        "PillarId": "string",
        "SelectedQuestionIds": [ "string" ]
      }
    ]
  },
  "LensNotes": "string",
  "PillarNotes": {
    "string": "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

JiraConfiguration

Configuration of the Jira integration.

Type: [JiraSelectedQuestionConfiguration](#) object

Required: No

LensNotes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarNotes

List of pillar notes of a lens review in a workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Value Length Constraints: Maximum length of 2084.

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "LensReview": {
    "JiraConfiguration": {
      "SelectedPillars": [
        {
          "PillarId": "string",
          "SelectedQuestionIds": [ "string" ]
        }
      ]
    },
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "PrioritizedRiskCounts": {
          "string" : number
        },
        "RiskCounts": {
          "string" : number
        }
      }
    ]
  },
}
```

```
  "PrioritizedRiskCounts": {
    "string" : number
  },
  "Profiles": [
    {
      "ProfileArn": "string",
      "ProfileVersion": "string"
    }
  ],
  "RiskCounts": {
    "string" : number
  },
  "UpdatedAt": number
},
"WorkloadId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensReview

A lens review of a question.

Type: [LensReview](#) object

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateProfile

Update a profile.

Request Syntax

```
PATCH /profiles/ProfileArn HTTP/1.1
Content-type: application/json

{
  "ProfileDescription": "string",
  "ProfileQuestions": [
    {
      "QuestionId": "string",
      "SelectedChoiceIds": [ "string" ]
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

ProfileQuestions

Profile questions.

Type: Array of [ProfileQuestionUpdate](#) objects

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Profile": {
    "CreatedAt": number,
    "Owner": "string",
    "ProfileArn": "string",
    "ProfileDescription": "string",
    "ProfileName": "string",
    "ProfileQuestions": [
      {
        "MaxSelectedChoices": number,
        "MinSelectedChoices": number,
        "QuestionChoices": [
          {
            "ChoiceDescription": "string",
            "ChoiceId": "string",
            "ChoiceTitle": "string"
          }
        ],
        "QuestionDescription": "string",
        "QuestionId": "string",
        "QuestionTitle": "string",
        "SelectedChoiceIds": [ "string" ]
      }
    ],
    "ProfileVersion": "string",
```

```
  "ShareInvitationId": "string",
  "Tags": {
    "string" : "string"
  },
  "UpdatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Profile

The profile.

Type: [Profile](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateReviewTemplate

Update a review template.

Request Syntax

```
PATCH /reviewTemplates/TemplateArn HTTP/1.1
Content-type: application/json
```

```
{
  "Description": "string",
  "LensesToAssociate": [ "string" ],
  "LensesToDisassociate": [ "string" ],
  "Notes": "string",
  "TemplateName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[TemplateArn](#)

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[Description](#)

The review template description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , : / () @ ! & ? # + ' ' \s] + $`

Required: No

LensesToAssociate

A list of lens aliases or ARNs to apply to the review template.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensesToDisassociate

A list of lens aliases or ARNs to unapply to the review template. The `wellarchitected` lens cannot be unapplied.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

TemplateName

The review template name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_.,:/()@!&?#+' '\s]+$`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ReviewTemplate": {
    "Description": "string",
    "Lenses": [ "string" ],
    "Notes": "string",
    "Owner": "string",
    "QuestionCounts": {
      "string" : number
    },
    "ShareInvitationId": "string",
    "Tags": {
      "string" : "string"
    },
    "TemplateArn": "string",
    "TemplateName": "string",
    "UpdatedAt": number,
    "UpdateStatus": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ReviewTemplate

A review template.

Type: [ReviewTemplate](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateReviewTemplateAnswer

Update a review template answer.

Request Syntax

```
PATCH /reviewTemplates/TemplateArn/lensReviews/LensAlias/answers/QuestionId HTTP/1.1  
Content-type: application/json
```

```
{  
  "ChoiceUpdates": {  
    "string" : {  
      "Notes": "string",  
      "Reason": "string",  
      "Status": "string"  
    }  
  },  
  "IsApplicable": boolean,  
  "Notes": "string",  
  "Reason": "string",  
  "SelectedChoices": [ "string" ]  
}
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ChoiceUpdates

A list of choices to be updated.

Type: String to [ChoiceUpdate](#) object map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

Reason

The update reason.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "AnswerStatus": "string",
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
```

```

        "Status": "string"
    }
],
"Choices": [
    {
        "AdditionalResources": [
            {
                "Content": [
                    {
                        "DisplayText": "string",
                        "Url": "string"
                    }
                ],
                "Type": "string"
            }
        ],
        "ChoiceId": "string",
        "Description": "string",
        "HelpfulResource": {
            "DisplayText": "string",
            "Url": "string"
        },
        "ImprovementPlan": {
            "DisplayText": "string",
            "Url": "string"
        },
        "Title": "string"
    }
],
"HelpfulResourceDisplayText": "string",
"HelpfulResourceUrl": "string",
"ImprovementPlanUrl": "string",
"IsApplicable": boolean,
"Notes": "string",
"PillarId": "string",
"QuestionDescription": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Reason": "string",
"SelectedChoices": [ "string" ]
},
"LensAlias": "string",
"TemplateArn": "string"

```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Answer

An answer of the question.

Type: [ReviewTemplateAnswer](#) object

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateReviewTemplateLensReview

Update a lens review associated with a review template.

Request Syntax

```
PATCH /reviewTemplates/TemplateArn/lensReviews/LensAlias HTTP/1.1
Content-type: application/json
```

```
{
  "LensNotes": "string",
  "PillarNotes": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

[LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

[TemplateArn](#)

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

LensNotes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarNotes

List of pillar notes of a lens review in a workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Value Length Constraints: Maximum length of 2084.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "LensReview": {
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "QuestionCounts": {
          "string" : number
        }
      }
    ],
    "QuestionCounts": {
      "string" : number
    },
    "UpdatedAt": number
  },
  "TemplateArn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

LensReview

A lens review of a question.

Type: [ReviewTemplateLensReview](#) object

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateShareInvitation

Update a workload or custom lens share invitation.

Note

This API operation can be called independently of any resource. Previous documentation implied that a workload ARN must be specified.

Request Syntax

```
PATCH /shareInvitations/ShareInvitationId HTTP/1.1  
Content-type: application/json
```

```
{  
  "ShareInvitationAction": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

ShareInvitationId

The ID assigned to the share invitation.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ShareInvitationAction

Share invitation action taken by contributor.

Type: String

Valid Values: ACCEPT | REJECT

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareInvitation": {
    "LensAlias": "string",
    "LensArn": "string",
    "ProfileArn": "string",
    "ShareInvitationId": "string",
    "ShareResourceType": "string",
    "TemplateArn": "string",
    "WorkloadId": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ShareInvitation

The updated workload or custom lens share invitation.

Type: [ShareInvitation](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerErrorException

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateWorkload

Update an existing workload.

Request Syntax

```
PATCH /workloads/WorkloadId HTTP/1.1
Content-type: application/json

{
  "AccountIds": [ string ],
  "Applications": [ string ],
  "ArchitecturalDesign": string,
  "AwsRegions": [ string ],
  "Description": string,
  "DiscoveryConfig": {
    "TrustedAdvisorIntegrationStatus": string,
    "WorkloadResourceDefinition": [ string ]
  },
  "Environment": string,
  "ImprovementStatus": string,
  "Industry": string,
  "IndustryType": string,
  "IsReviewOwnerUpdateAcknowledged": boolean,
  "JiraConfiguration": {
    "IssueManagementStatus": string,
    "IssueManagementType": string,
    "JiraProjectKey": string
  },
  "NonAwsRegions": [ string ],
  "Notes": string,
  "PillarPriorities": [ string ],
  "ReviewOwner": string,
  "WorkloadName": string
}
```

URI Request Parameters

The request uses the following URI parameters.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

AccountIds

The list of AWS account IDs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 100 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

Applications

List of AppRegistry application ARNs to associate to the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

ArchitecturalDesign

The URL of the architectural design for the workload.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^(|(https?|ftp):\\\/[^\s/$.?\#].[\s]*)$`

Required: No

AwsRegions

The list of AWS Regions associated with the workload, for example, `us-east-2`, or `central-1`.

Type: Array of strings

Array Members: Maximum number of 50 items.

Length Constraints: Maximum length of 100.

Required: No

Description

The description for the workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Required: No

DiscoveryConfig

Well-Architected discovery configuration settings to associate to the workload.

Type: [WorkloadDiscoveryConfig](#) object

Required: No

Environment

The environment for the workload.

Type: String

Valid Values: PRODUCTION | PREPRODUCTION

Required: No

ImprovementStatus

The improvement status for a workload.

Type: String

Valid Values: NOT_APPLICABLE | NOT_STARTED | IN_PROGRESS | COMPLETE | RISK_ACKNOWLEDGED

Required: No

Industry

The industry for the workload.

Type: String

Length Constraints: Maximum length of 100.

Required: No

IndustryType

The industry type for the workload.

If specified, must be one of the following:

- Agriculture
- Automobile
- Defense
- Design and Engineering
- Digital Advertising
- Education
- Environmental Protection
- Financial Services
- Gaming
- General Public Services
- Healthcare
- Hospitality
- InfoTech

- Justice and Public Safety
- Life Sciences
- Manufacturing
- Media & Entertainment
- Mining & Resources
- Oil & Gas
- Power & Utilities
- Professional Services
- Real Estate & Construction
- Retail & Wholesale
- Social Protection
- Telecommunications
- Travel, Transportation & Logistics
- Other

Type: String

Length Constraints: Maximum length of 100.

Required: No

IsReviewOwnerUpdateAcknowledged

Flag indicating whether the workload owner has acknowledged that the *Review owner* field is required.

If a **Review owner** is not added to the workload within 60 days of acknowledgement, access to the workload is restricted until an owner is added.

Type: Boolean

Required: No

JiraConfiguration

Configuration of the Jira integration.

Type: [WorkloadJiraConfigurationInput](#) object

Required: No

NonAwsRegions

The list of non-AWS Regions associated with the workload.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 3. Maximum length of 25.

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarPriorities

The priorities of the pillars, which are used to order items in the improvement plan. Each pillar is represented by its [PillarReviewSummary:PillarId](#).

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

ReviewOwner

The review owner of the workload. The name, email address, or identifier for the primary group or individual that owns the workload review process.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Workload": {
    "AccountIds": [ "string" ],
    "Applications": [ "string" ],
    "ArchitecturalDesign": "string",
    "AwsRegions": [ "string" ],
    "Description": "string",
    "DiscoveryConfig": {
      "TrustedAdvisorIntegrationStatus": "string",
      "WorkloadResourceDefinition": [ "string" ]
    },
    "Environment": "string",
    "ImprovementStatus": "string",
    "Industry": "string",
    "IndustryType": "string",
    "IsReviewOwnerUpdateAcknowledged": boolean,
    "JiraConfiguration": {
      "IssueManagementStatus": "string",
      "IssueManagementType": "string",
      "JiraProjectKey": "string",
      "StatusMessage": "string"
    },
    "Lenses": [ "string" ],
    "NonAwsRegions": [ "string" ],
    "Notes": "string",
```

```
"Owner": "string",
"PillarPriorities": [ "string" ],
"PrioritizedRiskCounts": {
  "string" : number
},
"Profiles": [
  {
    "ProfileArn": "string",
    "ProfileVersion": "string"
  }
],
"ReviewOwner": "string",
"ReviewRestrictionDate": number,
"RiskCounts": {
  "string" : number
},
"ShareInvitationId": "string",
"Tags": {
  "string" : "string"
},
"UpdatedAt": number,
"WorkloadArn": "string",
"WorkloadId": "string",
"WorkloadName": "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Workload

A workload return object.

Type: [Workload](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateWorkloadShare

Update a workload share.

Request Syntax

```
PATCH /workloads/WorkloadId/shares/ShareId HTTP/1.1  
Content-type: application/json
```

```
{  
  "PermissionType": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "WorkloadId": "string",
  "WorkloadShare": {
    "PermissionType": "string",
    "SharedBy": "string",
    "SharedWith": "string",
    "ShareId": "string",
    "Status": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

WorkloadShare

A workload share return object.

Type: [WorkloadShare](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpgradeLensReview

Upgrade lens review for a particular workload.

Request Syntax

```
PUT /workloads/WorkloadId/lensReviews/LensAlias/upgrade HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "MilestoneName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: No

MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpgradeProfileVersion

Upgrade a profile.

Request Syntax

```
PUT /workloads/WorkloadId/profiles/ProfileArn/upgrade HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "MilestoneName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[ProfileArn](#)

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

[WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: No

MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ServiceQuotaExceededException

The user has reached their resource quota.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpgradeReviewTemplateLensReview

Upgrade the lens review of a review template.

Request Syntax

```
PUT /reviewTemplates/TemplateArn/lensReviews/LensAlias/upgrade HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

TemplateArn

The ARN of the review template.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

User does not have sufficient access to perform this action.

Message

Description of the error.

HTTP Status Code: 403

ConflictException

The resource has already been processed, was deleted, or is too large.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 409

InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

Message

Description of the error.

HTTP Status Code: 500

ResourceNotFoundException

The requested resource was not found.

Message

Description of the error.

ResourceId

Identifier of the resource affected.

ResourceType

Type of the resource affected.

HTTP Status Code: 404

ThrottlingException

Request was denied due to request throttling.

Message

Description of the error.

QuotaCode

Service Quotas requirement to identify originating quota.

ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

ValidationException

The user input is not valid.

Fields

The fields that caused the error, if applicable.

Message

Description of the error.

Reason

The reason why the request failed validation.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The AWS Well-Architected Tool API contains several data types that various actions use. This section describes each data type in detail.

Note

The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [AccountJiraConfigurationInput](#)
- [AccountJiraConfigurationOutput](#)
- [AdditionalResources](#)
- [Answer](#)
- [AnswerSummary](#)
- [BestPractice](#)
- [CheckDetail](#)
- [CheckSummary](#)
- [Choice](#)
- [ChoiceAnswer](#)
- [ChoiceAnswerSummary](#)
- [ChoiceContent](#)
- [ChoiceImprovementPlan](#)
- [ChoiceUpdate](#)
- [ConsolidatedReportMetric](#)
- [ImprovementSummary](#)
- [JiraConfiguration](#)
- [JiraSelectedQuestionConfiguration](#)
- [Lens](#)
- [LensMetric](#)

- [LensReview](#)
- [LensReviewReport](#)
- [LensReviewSummary](#)
- [LensShareSummary](#)
- [LensSummary](#)
- [LensUpgradeSummary](#)
- [Milestone](#)
- [MilestoneSummary](#)
- [NotificationSummary](#)
- [PillarDifference](#)
- [PillarMetric](#)
- [PillarReviewSummary](#)
- [Profile](#)
- [ProfileChoice](#)
- [ProfileNotificationSummary](#)
- [ProfileQuestion](#)
- [ProfileQuestionUpdate](#)
- [ProfileShareSummary](#)
- [ProfileSummary](#)
- [ProfileTemplate](#)
- [ProfileTemplateChoice](#)
- [ProfileTemplateQuestion](#)
- [QuestionDifference](#)
- [QuestionMetric](#)
- [ReviewTemplate](#)
- [ReviewTemplateAnswer](#)
- [ReviewTemplateAnswerSummary](#)
- [ReviewTemplateLensReview](#)
- [ReviewTemplatePillarReviewSummary](#)
- [ReviewTemplateSummary](#)

- [SelectedPillar](#)
- [ShareInvitation](#)
- [ShareInvitationSummary](#)
- [TemplateShareSummary](#)
- [ValidationExceptionField](#)
- [VersionDifferences](#)
- [Workload](#)
- [WorkloadDiscoveryConfig](#)
- [WorkloadJiraConfigurationInput](#)
- [WorkloadJiraConfigurationOutput](#)
- [WorkloadProfile](#)
- [WorkloadShare](#)
- [WorkloadShareSummary](#)
- [WorkloadSummary](#)

AccountJiraConfigurationInput

Account-level: Input for the Jira configuration.

Contents

IntegrationStatus

Account-level: Configuration status of the Jira integration.

Type: String

Valid Values: NOT_CONFIGURED

Required: No

IssueManagementStatus

Account-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

IssueManagementType

Account-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

JiraProjectKey

Account-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AccountJiraConfigurationOutput

Account-level: Output configuration of the Jira integration.

Contents

IntegrationStatus

Account-level: Configuration status of the Jira integration.

Type: String

Valid Values: CONFIGURED | NOT_CONFIGURED

Required: No

IssueManagementStatus

Account-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

IssueManagementType

Account-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

JiraProjectKey

Account-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

StatusMessage

Account-level: Status message on configuration of the Jira integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

Subdomain

Account-level: Jira subdomain URL.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AdditionalResources

The choice level additional resources for a custom lens.

This field does not apply to AWS official lenses.

Contents

Content

The URLs for additional resources, either helpful resources or improvement plans, for a custom lens. Up to five additional URLs can be specified.

Type: Array of [ChoiceContent](#) objects

Required: No

Type

Type of additional resource for a custom lens.

Type: String

Valid Values: HELPFUL_RESOURCE | IMPROVEMENT_PLAN

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Answer

An answer of the question.

Contents

ChoiceAnswers

A list of selected choices to a question in your workload.

Type: Array of [ChoiceAnswer](#) objects

Required: No

Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

HelpfulResourceDisplayText

The helpful resource text to be displayed for a custom lens.

This field does not apply to AWS official lenses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

HelpfulResourceUrl

The helpful resource URL.

For AWS official lenses, this is the helpful resource URL for a question or choice.

For custom lenses, this is the helpful resource URL for a question and is only provided if `HelpfulResourceDisplayText` was specified for the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

ImprovementPlanUrl

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

JiraConfiguration

Configuration of the Jira integration.

Type: [JiraConfiguration](#) object

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

QuestionDescription

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

Reason

The reason why the question is not applicable to your workload.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Required: No

SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AnswerSummary

An answer summary of a lens review in a workload.

Contents

ChoiceAnswerSummaries

A list of selected choices to a question in your workload.

Type: Array of [ChoiceAnswerSummary](#) objects

Required: No

Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

JiraConfiguration

Configuration of the Jira integration.

Type: [JiraConfiguration](#) object

Required: No

PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

QuestionType

The type of the question.

Type: String

Valid Values: PRIORITIZED | NON_PRIORITIZED

Required: No

Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Required: No

SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BestPractice

A best practice, or question choice, that has been identified as a risk in this question.

Contents

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

ChoiceTitle

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CheckDetail

Account details for a Well-Architected best practice in relation to Trusted Advisor checks.

Contents

AccountId

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Description

Trusted Advisor check description.

Type: String

Required: No

FlaggedResources

Count of flagged resources associated to the check.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 9999.

Required: No

Id

Trusted Advisor check ID.

Type: String

Required: No

LensArn

Well-Architected Lens ARN associated to the check.

Type: String

Required: No

Name

Trusted Advisor check name.

Type: String

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Provider

Provider of the check related to the best practice.

Type: String

Valid Values: TRUSTED_ADVISOR

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Reason

Reason associated to the check.

Type: String

Valid Values: ASSUME_ROLE_ERROR | ACCESS_DENIED | UNKNOWN_ERROR | PREMIUM_SUPPORT_REQUIRED

Required: No

Status

Status associated to the check.

Type: String

Valid Values: OKAY | WARNING | ERROR | NOT_AVAILABLE | FETCH_FAILED

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CheckSummary

Trusted Advisor check summary.

Contents

AccountSummary

Account summary associated to the check.

Type: String to integer map

Valid Keys: OKAY | WARNING | ERROR | NOT_AVAILABLE | FETCH_FAILED

Valid Range: Minimum value of 1. Maximum value of 101.

Required: No

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Description

Trusted Advisor check description.

Type: String

Required: No

Id

Trusted Advisor check ID.

Type: String

Required: No

LensArn

Well-Architected Lens ARN associated to the check.

Type: String

Required: No

Name

Trusted Advisor check name.

Type: String

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Provider

Provider of the check related to the best practice.

Type: String

Valid Values: TRUSTED_ADVISOR

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Status

Status associated to the check.

Type: String

Valid Values: OKAY | WARNING | ERROR | NOT_AVAILABLE | FETCH_FAILED

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Choice

A choice available to answer question.

Contents

AdditionalResources

The additional resources for a choice in a custom lens.

A choice can have up to two additional resources: one of type HELPFUL_RESOURCE, one of type IMPROVEMENT_PLAN, or both.

Type: Array of [AdditionalResources](#) objects

Required: No

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Description

The description of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

HelpfulResource

The helpful resource (both text and URL) for a particular choice.

This field only applies to custom lenses. Each choice can have only one helpful resource.

Type: [ChoiceContent](#) object

Required: No

ImprovementPlan

The improvement plan (both text and URL) for a particular choice.

This field only applies to custom lenses. Each choice can have only one improvement plan.

Type: [ChoiceContent](#) object

Required: No

Title

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChoiceAnswer

A choice that has been answered on a question in your workload.

Contents

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Notes

The notes associated with a choice.

Type: String

Length Constraints: Maximum length of 250.

Required: No

Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

Status

The status of a choice.

Type: String

Valid Values: SELECTED | NOT_APPLICABLE | UNSELECTED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChoiceAnswerSummary

A choice summary that has been answered on a question in your workload.

Contents

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

Status

The status of a choice.

Type: String

Valid Values: SELECTED | NOT_APPLICABLE | UNSELECTED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChoiceContent

The choice content.

Contents

DisplayText

The display text for the choice content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

Url

The URL for the choice content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChoiceImprovementPlan

The choice level improvement plan.

This value is only applicable to custom lenses.

Contents

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

DisplayText

The display text for the improvement plan.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

ImprovementPlanUrl

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChoiceUpdate

A list of choices to be updated.

Contents

Status

The status of a choice.

Type: String

Valid Values: SELECTED | NOT_APPLICABLE | UNSELECTED

Required: Yes

Notes

The notes associated with a choice.

Type: String

Length Constraints: Maximum length of 250.

Required: No

Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConsolidatedReportMetric

A metric that contributes to the consolidated report.

Contents

Lenses

The metrics for the lenses in the workload.

Type: Array of [LensMetric](#) objects

Required: No

LensesAppliedCount

The total number of lenses applied to the workload.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

MetricType

The metric type of a metric in the consolidated report. Currently only WORKLOAD metric types are supported.

Type: String

Valid Values: WORKLOAD

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

WorkloadArn

The ARN for the workload.

Type: String

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ImprovementSummary

An improvement summary of a lens review in a workload.

Contents

ImprovementPlans

The improvement plan details.

This value is only applicable to custom lenses.

Type: Array of [ChoiceImprovementPlan](#) objects

Required: No

ImprovementPlanUrl

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

JiraConfiguration

Configuration of the Jira integration.

Type: [JiraConfiguration](#) object

Required: No

PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

JiraConfiguration

Configuration of the Jira integration.

Contents

JiraIssueUrl

The URL of the associated Jira issue.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

LastSyncedTime

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

JiraSelectedQuestionConfiguration

Selected questions in the workload.

Contents

SelectedPillars

Selected pillars in the workload.

Type: Array of [SelectedPillar](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Lens

A lens return object.

Contents

Description

The description of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

LensArn

The ARN of a lens.

Type: String

Required: No

LensVersion

The version of a lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

Name

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Owner

The AWS account ID that owns the lens.

Type: String

Required: No

ShareInvitationId

The ID assigned to the share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Tags

The tags assigned to the lens.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensMetric

A metric for a particular lens in a workload.

Contents

LensArn

The lens ARN.

Type: String

Required: No

Pillars

The metrics for the pillars in a lens.

Type: Array of [PillarMetric](#) objects

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensReview

A lens review of a question.

Contents

JiraConfiguration

Jira configuration status of the Lens review.

Type: [JiraSelectedQuestionConfiguration](#) object

Required: No

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The ARN for the lens.

Type: String

Required: No

LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensStatus

The status of the lens.

Type: String

Valid Values: CURRENT | NOT_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarReviewSummaries

List of pillar review summaries of lens review in a workload.

Type: Array of [PillarReviewSummary](#) objects

Required: No

PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

Profiles

The profiles associated with the workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensReviewReport

A report of a lens review.

Contents

Base64String

The Base64-encoded string representation of a lens review report.

This data can be used to create a PDF file.

Only returned by [GetConsolidatedReport](#) when PDF format is requested.

Type: String

Required: No

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The ARN for the lens.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensReviewSummary

A lens review summary of a workload.

Contents

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The ARN for the lens.

Type: String

Required: No

LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensStatus

The status of the lens.

Type: String

Valid Values: CURRENT | NOT_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

Profiles

The profiles associated with the workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensShareSummary

A lens share summary return object.

Contents

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

StatusMessage

Optional message to compliment the Status field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensSummary

A lens summary of a lens.

Contents

CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

Description

The description of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The ARN of the lens.

Type: String

Required: No

LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensStatus

The status of the lens.

Type: String

Valid Values: CURRENT | NOT_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

LensType

The type of the lens.

Type: String

Valid Values: AWS_OFFICIAL | CUSTOM_SHARED | CUSTOM_SELF

Required: No

LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LensUpgradeSummary

Lens upgrade summary return object.

Contents

CurrentLensVersion

The current version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

LatestLensVersion

The latest version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The ARN for the lens.

Type: String

Required: No

ResourceArn

ResourceArn of the lens being upgraded

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

ResourceName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Milestone

A milestone return object.

Contents

MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

RecordedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

Workload

A workload return object.

Type: [Workload](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MilestoneSummary

A milestone summary return object.

Contents

MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

RecordedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

WorkloadSummary

A workload summary return object.

Type: [WorkloadSummary](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotificationSummary

A notification summary return object.

Contents

LensUpgradeSummary

Summary of lens upgrade.

Type: [LensUpgradeSummary](#) object

Required: No

Type

The type of notification.

Type: String

Valid Values: LENS_VERSION_UPGRADED | LENS_VERSION_DEPRECATED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PillarDifference

A pillar difference return object.

Contents

DifferenceStatus

Indicates the type of change to the pillar.

Type: String

Valid Values: UPDATED | NEW | DELETED

Required: No

PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

PillarName

The name of the pillar.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionDifferences

List of question differences.

Type: Array of [QuestionDifference](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PillarMetric

A metric for a particular pillar in a lens.

Contents

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

Questions

The questions that have been identified as risks in the pillar.

Type: Array of [QuestionMetric](#) objects

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PillarReviewSummary

A pillar review summary of a lens review.

Contents

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

PillarName

The name of the pillar.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Profile

A profile.

Contents

CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

ProfileName

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

ProfileQuestions

Profile questions.

Type: Array of [ProfileQuestion](#) objects

Required: No

ProfileVersion

The profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

ShareInvitationId

The ID assigned to the share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Tags

The tags assigned to the profile.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileChoice

The profile choice.

Contents

ChoiceDescription

The description of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

ChoiceTitle

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

ProfileNotificationSummary

The profile notification summary.

Contents

CurrentProfileVersion

The current profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

LatestProfileVersion

The latest profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

ProfileName

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

Type

Type of notification.

Type: String

Valid Values: PROFILE_ANSWERS_UPDATED | PROFILE_DELETED

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileQuestion

A profile question.

Contents

MaxSelectedChoices

The maximum number of selected choices.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

MinSelectedChoices

The minimum number of selected choices.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

QuestionChoices

The question choices.

Type: Array of [ProfileChoice](#) objects

Required: No

QuestionDescription

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

SelectedChoiceIds

The selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileQuestionUpdate

An update to a profile question.

Contents

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

SelectedChoiceIds

The selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileShareSummary

Summary of a profile share.

Contents

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

StatusMessage

Profile share invitation status message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileSummary

Summary of a profile.

Contents

CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

ProfileName

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

ProfileVersion

The profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileTemplate

The profile template.

Contents

CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

TemplateName

The name of the profile template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

TemplateQuestions

Profile template questions.

Type: Array of [ProfileTemplateQuestion](#) objects

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ProfileTemplateChoice

A profile template choice.

Contents

ChoiceDescription

The description of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

ChoiceTitle

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

ProfileTemplateQuestion

A profile template question.

Contents

MaxSelectedChoices

The maximum number of choices selected.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

MinSelectedChoices

The minimum number of choices selected.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

QuestionChoices

The question choices.

Type: Array of [ProfileTemplateChoice](#) objects

Required: No

QuestionDescription

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuestionDifference

A question difference return object.

Contents

DifferenceStatus

Indicates the type of change to the question.

Type: String

Valid Values: UPDATED | NEW | DELETED

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

QuestionMetric

A metric for a particular question in the pillar.

Contents

BestPractices

The best practices, or choices, that have been identified as contributing to risk in a question.

Type: Array of [BestPractice](#) objects

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReviewTemplate

A review template.

Contents

Description

The review template description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

Required: No

Lenses

The lenses applied to the review template.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

QuestionCounts

A count of how many total questions are answered and unanswered in the review template.

Type: String to integer map

Valid Keys: UNANSWERED | ANSWERED

Valid Range: Minimum value of 0.

Required: No

ShareInvitationId

The ID assigned to the template share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Tags

The tags assigned to the review template.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

TemplateName

The name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_.,:/()@!&?#+'\s]+$`

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

UpdateStatus

The latest status of a review template.

Type: String

Valid Values: CURRENT | LENS_NOT_CURRENT

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReviewTemplateAnswer

An answer of the question.

Contents

AnswerStatus

The status of whether or not this question has been answered.

Type: String

Valid Values: UNANSWERED | ANSWERED

Required: No

ChoiceAnswers

A list of selected choices to a question in your review template.

Type: Array of [ChoiceAnswer](#) objects

Required: No

Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

HelpfulResourceDisplayText

The helpful resource text to be displayed for a custom lens.

Note

This field does not apply to AWS official lenses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

HelpfulResourceUrl

The helpful resource URL.

For AWS official lenses, this is the helpful resource URL for a question or choice.

For custom lenses, this is the helpful resource URL for a question and is only provided if `HelpfulResourceDisplayText` was specified for the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

ImprovementPlanUrl

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

QuestionDescription

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

Reason

The reason why the question is not applicable to your review template.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReviewTemplateAnswerSummary

The summary of review template answers.

Contents

AnswerStatus

The status of whether or not this question has been answered.

Type: String

Valid Values: UNANSWERED | ANSWERED

Required: No

ChoiceAnswerSummaries

A list of selected choices to a question in the review template.

Type: Array of [ChoiceAnswerSummary](#) objects

Required: No

Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

QuestionType

The type of question.

Type: String

Valid Values: PRIORITIZED | NON_PRIORITIZED

Required: No

Reason

The reason why a choice is not-applicable to a question in the review template.

Type: String

Valid Values: OUT_OF_SCOPE | BUSINESS_PRIORITIES | ARCHITECTURE_CONSTRAINTS
| OTHER | NONE

Required: No

SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReviewTemplateLensReview

The lens review of a review template.

Contents

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The lens ARN.

Type: String

Required: No

LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensStatus

The status of the lens.

Type: String

Valid Values: CURRENT | NOT_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarReviewSummaries

Pillar review summaries of a lens review.

Type: Array of [ReviewTemplatePillarReviewSummary](#) objects

Required: No

QuestionCounts

A count of how many questions are answered and unanswered in the lens review.

Type: String to integer map

Valid Keys: UNANSWERED | ANSWERED

Valid Range: Minimum value of 0.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReviewTemplatePillarReviewSummary

Summary of a review template.

Contents

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

PillarName

The name of the pillar.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

QuestionCounts

A count of how many questions are answered and unanswered in the requested pillar of the lens review.

Type: String to integer map

Valid Keys: UNANSWERED | ANSWERED

Valid Range: Minimum value of 0.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ReviewTemplateSummary

Summary of a review template.

Contents

Description

Description of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+'\s]+$`

Required: No

Lenses

Lenses associated with the review template.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

TemplateName

The name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+'\s]+$`

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

UpdateStatus

The latest status of a review template.

Type: String

Valid Values: CURRENT | LENS_NOT_CURRENT

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

SelectedPillar

The selected pillar.

Contents

PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

SelectedQuestionIds

Selected question IDs in the selected pillar.

Type: Array of strings

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ShareInvitation

The share invitation.

Contents

LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

LensArn

The ARN for the lens.

Type: String

Required: No

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

ShareInvitationId

The ID assigned to the share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

ShareResourceType

The resource type of the share invitation.

Type: String

Valid Values: WORKLOAD | LENS | PROFILE | TEMPLATE

Required: No

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ShareInvitationSummary

A share invitation summary return object.

Contents

LensArn

The ARN for the lens.

Type: String

Required: No

LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: No

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

ProfileName

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

SharedBy

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

ShareInvitationId

The ID assigned to the share invitation.

Type: String

Pattern: [0-9a-f]{32}

Required: No

ShareResourceType

The resource type of the share invitation.

Type: String

Valid Values: WORKLOAD | LENS | PROFILE | TEMPLATE

Required: No

TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

TemplateName

The name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TemplateShareSummary

Summary of a review template share.

Contents

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

StatusMessage

Review template share invitation status message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

Stores information about a field passed inside a request that resulted in an exception.

Contents

Message

Description of the error.

Type: String

Required: Yes

Name

The field name for which validation failed.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VersionDifferences

The differences between the base and latest versions of the lens.

Contents

PillarDifferences

The differences between the base and latest versions of the lens.

Type: Array of [PillarDifference](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Workload

A workload return object.

Contents

AccountIds

The list of AWS account IDs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 100 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

Applications

List of AppRegistry application ARNs associated to the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

ArchitecturalDesign

The URL of the architectural design for the workload.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^(|(https?|ftp):\\\/[^\s/$.?#].[^\s]*)$`

Required: No

AwsRegions

The list of AWS Regions associated with the workload, for example, `us-east-2`, or `central-1`.

Type: Array of strings

Array Members: Maximum number of 50 items.

Length Constraints: Maximum length of 100.

Required: No

Description

The description for the workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Required: No

DiscoveryConfig

Discovery configuration associated to the workload.

Type: [WorkloadDiscoveryConfig](#) object

Required: No

Environment

The environment for the workload.

Type: String

Valid Values: PRODUCTION | PREPRODUCTION

Required: No

ImprovementStatus

The improvement status for a workload.

Type: String

Valid Values: NOT_APPLICABLE | NOT_STARTED | IN_PROGRESS | COMPLETE | RISK_ACKNOWLEDGED

Required: No

Industry

The industry for the workload.

Type: String

Length Constraints: Maximum length of 100.

Required: No

IndustryType

The industry type for the workload.

If specified, must be one of the following:

- Agriculture
- Automobile
- Defense
- Design and Engineering
- Digital Advertising
- Education
- Environmental Protection
- Financial Services
- Gaming
- General Public Services
- Healthcare
- Hospitality
- InfoTech
- Justice and Public Safety
- Life Sciences
- Manufacturing
- Media & Entertainment

- Mining & Resources
- Oil & Gas
- Power & Utilities
- Professional Services
- Real Estate & Construction
- Retail & Wholesale
- Social Protection
- Telecommunications
- Travel, Transportation & Logistics
- Other

Type: String

Length Constraints: Maximum length of 100.

Required: No

IsReviewOwnerUpdateAcknowledged

Flag indicating whether the workload owner has acknowledged that the *Review owner* field is required.

If a **Review owner** is not added to the workload within 60 days of acknowledgement, access to the workload is restricted until an owner is added.

Type: Boolean

Required: No

JiraConfiguration

Jira configuration for a specific workload.

Type: [WorkloadJiraConfigurationOutput](#) object

Required: No

Lenses

The list of lenses associated with the workload. Each lens is identified by its [LensSummary:LensAlias](#).

If a review template that specifies lenses is applied to the workload, those lenses are applied to the workload in addition to these lenses.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

NonAwsRegions

The list of non-AWS Regions associated with the workload.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 3. Maximum length of 25.

Required: No

Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

PillarPriorities

The priorities of the pillars, which are used to order items in the improvement plan. Each pillar is represented by its [PillarReviewSummary:PillarId](#).

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

Profiles

Profile associated with a workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

ReviewOwner

The review owner of the workload. The name, email address, or identifier for the primary group or individual that owns the workload review process.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Required: No

ReviewRestrictionDate

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

ShareInvitationId

The ID assigned to the share invitation.

Type: String

Pattern: [0-9a-f]{32}

Required: No

Tags

The tags associated with the workload.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

WorkloadArn

The ARN for the workload.

Type: String

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadDiscoveryConfig

Discovery configuration associated to the workload.

Contents

TrustedAdvisorIntegrationStatus

Discovery integration status in respect to Trusted Advisor for the workload.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

WorkloadResourceDefinition

The mode to use for identifying resources associated with the workload.

You can specify WORKLOAD_METADATA, APP_REGISTRY, or both.

Type: Array of strings

Valid Values: WORKLOAD_METADATA | APP_REGISTRY

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadJiraConfigurationInput

Workload-level: Input for the Jira configuration.

Contents

IssueManagementStatus

Workload-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED | INHERIT

Required: No

IssueManagementType

Workload-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

JiraProjectKey

Workload-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadJiraConfigurationOutput

Workload-level: Output configuration of the Jira integration.

Contents

IssueManagementStatus

Workload-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED | INHERIT

Required: No

IssueManagementType

Workload-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

JiraProjectKey

Workload-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

StatusMessage

Workload-level: Status message on configuration of the Jira integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadProfile

The profile associated with a workload.

Contents

ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

ProfileVersion

The profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadShare

A workload share return object.

Contents

PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: No

SharedBy

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadShareSummary

A workload share summary return object.

Contents

PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: No

SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

ShareId

The ID associated with the share.

Type: String

Pattern: [0-9a-f]{32}

Required: No

Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

StatusMessage

Optional message to compliment the Status field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadSummary

A workload summary return object.

Contents

ImprovementStatus

The improvement status for a workload.

Type: String

Valid Values: NOT_APPLICABLE | NOT_STARTED | IN_PROGRESS | COMPLETE | RISK_ACKNOWLEDGED

Required: No

Lenses

The list of lenses associated with the workload. Each lens is identified by its [LensSummary:LensAlias](#).

If a review template that specifies lenses is applied to the workload, those lenses are applied to the workload in addition to these lenses.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

Profiles

Profile associated with a workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

WorkloadArn

The ARN for the workload.

Type: String

Required: No

WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request is expired

HTTP Status Code: 403

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 403

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

MalformedHttpRequestException

Problems with the request at the HTTP level, e.g. we can't decompress the body according to the decompression algorithm specified by the content-encoding.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 401

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestAbortedException

Convenient exception that can be used when a request is aborted before a reply is sent back (e.g. client closed connection).

HTTP Status Code: 400

RequestEntityTooLargeException

Problems with the request at the HTTP level. The request entity is too large.

HTTP Status Code: 413

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

RequestTimeoutException

Problems with the request at the HTTP level. Reading the Request timed out.

HTTP Status Code: 408

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

UnrecognizedClientException

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

UnknownOperationException

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 404

ValidationError

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400