Amazon Relational Database Service

Amazon RDS for PostgreSQL Release Notes

aws

Amazon Relational Database Service: Amazon RDS for PostgreSQL Release Notes

Table of Contents

Release notes for Amazon Relational Database Service (Amazon RDS) for PostgreSQL

The Amazon RDS for PostgreSQL release notes provide details about the PostgreSQL versions and extensions that are available for Amazon RDS.

Topics

Release calendar for Amazon RDS for PostgreSQL

RDS for PostgreSQL major versions remain available at least until community end of life for the corresponding community version. You can use the following dates to plan your testing and upgrade cycles. These dates represent the earliest date that an upgrade to a newer version might be required. If Amazon RDS extends support for an RDS for PostgreSQL version for longer than originally stated, we plan to update this table to reflect the later date.

Note
Dates with only a month and a year are approximate and are updated with an exact date when it's known.

PostgreSQL major version	Community release date	RDS release date	Community end of life date	RDS end of standard support date
PostgreSQL 14 Current minor version: 14.4	30 September 2021	3 February 2022	12 November 2026	November 2026
PostgreSQL 13 Current minor version: 13.7	24 September 2020	24 February 2021	November 2025	November 2025
PostgreSQL 12 Current minor version: 12.11	3 October 2019	31 March 2020	14 November 2024	November 2024
PostgreSQL 11 Current minor version: 11.16	18 October 2018	13 March 2019	9 November 2023	November 2023
PostgreSQL 10 Current minor version: 10.21	5 October 2017	27 February 2018	10 November 2022	April 2023
PostgreSQL 9.6 Current minor version: –	26 September 2016	11 November 2016	11 November 2021	30 April 2022

Amazon RDS for PostgreSQL updates

Amazon RDS supports DB instances running several versions of PostgreSQL. You can specify any currently available PostgreSQL version when creating a new DB instance. You can specify the major version (such as PostgreSQL 10) and any available minor version for the specified major version. If no version is specified, Amazon RDS defaults to an available version, typically the most recent version. If a major version is specified but a minor version isn't, Amazon RDS defaults to a recent release of the major version that you specified.

To see a list of available versions, and also defaults for newly created DB instances, use the `describe-db-engine-versions` AWS CLI command. For example, to display the default PostgreSQL engine version, use the following command.

```
aws rds describe-db-engine-versions --default-only --engine postgres
```

To learn more about versioning policy for RDS for PostgreSQL, see Amazon RDS FAQs. For more information about PostgreSQL versions, see Versioning Policy in the PostgreSQL documentation.

Topics

Deprecation of PostgreSQL 9.6

On March 31, 2022, Amazon RDS plans to deprecate PostgreSQL 9.6. This extends the previously announced date of January 18, 2022 to April 26, 2022. For more information, see Deprecation of PostgreSQL version 9.6 in the *Amazon RDS User Guide*. We strongly recommend that you upgrade all your PostgreSQL 9.6 DB instances to PostgreSQL 12 or higher as soon as possible. For information about how to do so, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

PostgreSQL 14 versions

Minor versions

PostgreSQL version 14.4 on Amazon RDS

PostgreSQL version 14.4 is now available on Amazon RDS. This release contains several fixes and improvements for PostgreSQL announced in the PostgreSQL 14.4 release.

New features and enhancements

- While this release includes other fixes, a noteworthy fix included in this release is for `CREATE INDEX CONCURRENTLY` and `REINDEX CONCURRENTLY` that can potentially cause silent data corruption of indexes. Amazon RDS has made the fix for the index corruption available since the release of Amazon RDS for PostgreSQL 14.3. This release does not include any RDS specific changes or extension version updates.

For version information on all extensions, see see Extensions supported for RDS for PostgreSQL 14 (p. 29).

PostgreSQL version 14.3 on Amazon RDS

PostgreSQL version 14.3 is now available on Amazon RDS. This release contains several fixes and improvements for PostgreSQL announced in PostgreSQL 14.3.

New features and enhancements

- This release includes Amazon RDS collations designed to help with data migration from EBCDIC-based systems. For more information, see RDS for PostgreSQL collations for EBCDIC and other mainframe migrations.
- This release includes a fix that was made available in the PostgreSQL out-of-cycle release June 16, 2022 that resolves the `CREATE INDEX CONCURRENTLY` and `REINDEX CONCURRENTLY` issue. The issue affects all community PostgreSQL 14 versions prior to 14.4. For information about how to detect and remediate the issue, see PostgreSQL 14 out-of-cycle release June 16, 2022.

This version also includes the following changes:

- The pglogical extension is updated to 2.4.1.
- The pg_hint_plan extension is updated to 1.4.
- The postgresql-hll extension is updated to 2.16.

For version information on all extensions, see see Extensions supported for RDS for PostgreSQL 14 (p. 29).

PostgreSQL version 14.2 on Amazon RDS

PostgreSQL version 14.2 is now available on Amazon RDS. This release contains several fixes and improvements for PostgreSQL announced in PostgreSQL 14.2.

This version also includes the following changes:

- The mysql_fdw extension version 2.7.0 is added. For more information, see Working with MySQL databases by using the mysql_fdw extension.
- The tds_fdw extension version 2.0.2 is added. For more information, see Working with SQL Server databases by using the tds_fdw extension in the *Amazon RDS User Guide*.
- The pgaudit extension is updated to 1.6.1. For information about using this extension with RDS for PostgreSQL, see Logging at the session and object level with the pgaudit extension.

- The lo (large objects) module is updated to version 1.1.

For version information on all extensions, see see Extensions supported for RDS for PostgreSQL 14 (p. 29).

PostgreSQL version 14.1 on Amazon RDS

PostgreSQL version 14.1 is now available on Amazon RDS. This release contains several improvements that were announced in PostgreSQL 14.1.

This version also includes the following changes:

- The old_snapshot extension 1.0 is added. If you set old_snapshot_threshold to a value, this extension lets you map transaction ID to a timestamp.
- The amcheck extension is updated to version 1.3.
- The btree_gist extension is updated to version 1.6.
- The cube extension is updated to version 1.5.
- The hstore extension is updated to version 1.8.
- The intarray extension is updated to version 1.5.
- The pageinspect extension is updated to version 1.9.
- The pg_cron extension is upgraded to version 1.4
- The pg_partman extension is upgrade to version 4.6.0.
- The pg_repack extension is updated to version 1.4.7.
- The pg_stat_statements extension is updated to version 1.9.
- The pg_trgm extension is updated to version 1.6.
- The pgaudit extension is updated to version 1.6.
- The pgrouting extension is updated to version 3.2.0.
- The postgres_fdw extension is updated to version 1.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 14 (p. 29).

PostgreSQL 13 versions

Minor versions

PostgreSQL version 13.7 on Amazon RDS

PostgreSQL version 13.7 is now available on Amazon RDS. This release contains several fixes and improvements for PostgreSQL announced in PostgreSQL 13.7.

This version also includes the following changes:

- The pglogical extension is updated to 2.4.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 13.6 on Amazon RDS

PostgreSQL version 13.6 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 13.6.

This version also includes the following changes:

- The mysql_fdw extension version 2.7.0 is added. For more information, see Working with MySQL databases by using the mysql_fdw extension in the *Amazon RDS User Guide*.
- The tds_fdw extension version 2.0.2 is added. For more information, see Working with SQL Server databases by using the tds_fdw extension in the *Amazon RDS User Guide*.
- The pgaudit extension is updated to 1.5.1. For information about using this extension with RDS for PostgreSQL, see Logging at the session and object level with the pgaudit extension in the *Amazon RDS User Guide*.
- The lo (large objects) module is updated to version 1.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 13.5 on Amazon RDS

PostgreSQL version 13.5 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 13.5.

This version also includes the following change:

- The pg_cron extension is updated to 1.4.1

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 13.4 on Amazon RDS

PostgreSQL version 13.4 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 13.4.

This version also includes the following changes:

- The `flow_control` extension version 1.0 is added in this release.
- The spi module extensions refint, autoinc, inset_username, and moddatetime version 1.0 are added.
- The pgrouting extension is updated to version 3.1.3.
- The `pglogical` extension is updated to version 2.4.0.
- The PostGIS extension is updated to version 3.1.4, along with the following related extensions:
    - address_standardizer
    - address_standardizer_data_us
    - postgis_raster
    - postgis_tiger_geocoder

- postgis_topology

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 13.3 on Amazon RDS

PostgreSQL version 13.3 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 13.3.

This version also includes the following changes:

- The oracle_fdw extension version 2.3.0 is added. For more information, see Working with Oracle databases by using the oracle_fdw extension in the *Amazon RDS User Guide*.
- The orafce extension is updated to version 3.15.
- The pg_cron extension is updated to version 1.3.1.
- The pg_partman extension is updated to version 4.5.1.
- The PostGIS extension is updated to version 3.0.3, along with the following related extensions:
  - address_standardizer
  - address_standardizer_data_us
  - postgis_raster
  - postgis_tiger_geocoder
  - postgis_topology

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 13.2 on Amazon RDS (deprecated)

PostgreSQL version 13.2 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 13.2.

This version also added the following new extensions:

- The aws_lambda extension version 1.0. For more information, see Invoking an AWS Lambda function from an RDS for PostgreSQL DB instance in the *Amazon RDS User Guide*.
- The pg_bigm extension version 1.2.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 13.1 on Amazon RDS (deprecated)

PostgreSQL version 13.1 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 13.0 and PostgreSQL 13.1.

This version added:

- The bool_plperl extension version 1.0.
- The rds_tools extension version 1.0. For more information, see Checking for users with non-SCRAM passwords .

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL 12 versions

Minor versions

PostgreSQL version 12.11 on Amazon RDS

PostgreSQL version 12.11 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 12.11.

This version also includes the following changes:

- The pglogical extension is updated to 2.4.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.10 on Amazon RDS

PostgreSQL version 12.10 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in 12.10.

This version also includes the following changes:

- The pgaudit extension is updated to 1.4.2. For information about using this extension with RDS for PostgreSQL, see Logging at the session and object level with the pgaudit extension.
- The lo (large objects) module is updated to version 1.1.

For information on all extensions, see see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.9 on Amazon RDS

PostgreSQL version 12.9 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in 12.9.

This version also includes the following changes:

- The pg_cron extension is updated to 1.4.1

- The pg_hint_plan extension is updated to 1.3.7.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 13 (p. 32).

PostgreSQL version 12.8 on Amazon RDS

PostgreSQL version 12.8 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in 12.8.

This version also includes the following changes:

- The pgrouting extension is updated to version 3.0.5.
- The pglogical extension is updated to version 2.4.0.
- The PostGIS extension is updated to version 3.1.4, along with the following related extensions:
  - address_standardizer
  - address_standardizer_data_us
  - postgis_raster
  - postgis_tiger_geocoder
  - postgis_topology

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.7 on Amazon RDS

PostgreSQL version 12.7 is now available on Amazon RDS. PostgreSQL version 12.7 contains several improvements that were announced for PostgreSQL release 12.7.

This version also includes the following changes:

- The oracle_fdw extension version 2.3.0 is added. For more information, see Working with Oracle databases by using the oracle_fdw extension in the *Amazon RDS User Guide*.
- The orafce extension is updated to version 3.15.
- The pg_cron extension is updated to version 1.3.1.
- The pg_partman extension is updated to version 4.5.1.
- The PostGIS extension is updated to version 3.0.3, along with the following related extensions:
  - address_standardizer
  - address_standardizer_data_us
  - postgis_raster
  - postgis_tiger_geocoder
  - postgis_topology

For information on all extensions, see PostgreSQL version 12 extensions supported on Amazon RDS in the *Amazon RDS User Guide*.

PostgreSQL version 12.6 on Amazon RDS (deprecated)

PostgreSQL version 12.6 is now available on Amazon RDS. PostgreSQL version 12.6 contains several improvements that were announced for PostgreSQL release 12.6.

This version also includes the following changes:

- The `aws_lambda` extension version 1.0 is added. For more information, see Invoking an AWS Lambda function from an RDS for PostgreSQL DB instance in the *Amazon RDS User Guide*.
- The pg_bigm extension version 1.2 is added.
- The PostGIS extension is updated to version 3.0.2.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.5 on Amazon RDS (deprecated)

PostgreSQL version 12.5 is now available on Amazon RDS. PostgreSQL version 12.5 contains several improvements that were announced for PostgreSQL release 12.5.

This version also includes the following changes:

- Added the `pg_partman` extension version 4.4.0. For more information, see Managing PostgreSQL partitions with the pg_partman extension in the *Amazon RDS User Guide*.
- Added the `pg_cron` extension version 1.3.0. For more information, see Scheduling maintenance with the PostgreSQL pg_cron extension in the *Amazon RDS User Guide*.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.4 on Amazon RDS (deprecated)

PostgreSQL version 12.4 is now available on Amazon RDS. PostgreSQL version 12.4 contains several improvements that were announced for PostgreSQL release 12.4.

This version also includes the following changes:

- Added the `pg_proctab` extension version 0.0.9
- Added the `rdkit` extension version 3.8
- Upgraded the `aws_s3` extension to version 1.1.
- Upgraded the `pglogical` extension to version 2.3.2
- Upgraded the `wal2json` extension to version 2.3

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.3 on Amazon RDS (deprecated)

PostgreSQL version 12.3 is now available on Amazon RDS. PostgreSQL version 12.3 contains several improvements that were announced for PostgreSQL release 12.3.

This version also includes the following changes:

- Upgraded the `pg_hint_plan` extension to version 1.3.5.
- Upgraded the `pglogical` extension to version 2.3.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL version 12.2 on Amazon RDS (deprecated)

PostgreSQL version 12.2 is now available on Amazon RDS. PostgreSQL version 12.2 contains several improvements that were announced for PostgreSQL releases 12.0, 12.1, and 12.2.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 12 (p. 35).

PostgreSQL 11 versions

Minor versions

PostgreSQL version 11.16 on Amazon RDS

PostgreSQL version 11.16 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 11.16.

This version also includes the following changes:

- The pglogical extension is updated to 2.4.1.
- The aws_commons extension is updated to 1.2.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.15 on Amazon RDS

PostgreSQL version 11.15 is now available on Amazon RDS. PostgreSQL version 11.15 contains several improvements that were announced for PostgreSQL release 11.15.

This version also includes the following changes:

- The pgaudit extension is updated to 1.3.3. For information about using this extension with RDS for PostgreSQL, see Logging at the session and object level with the pgaudit extension.
- The lo module is updated to version 1.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.14 on Amazon RDS

PostgreSQL version 11.14 is now available on Amazon RDS. PostgreSQL version 11.14 contains several improvements that were announced for PostgreSQL release 11.14.

This version also includes the following change:

- The pg_hint_plan extension is updated to 1.3.7.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.13 on Amazon RDS

PostgreSQL version 11.13 is now available on Amazon RDS. PostgreSQL version 11.13 contains several improvements that were announced for PostgreSQL release 11.13.

This version also includes the following changes:

- The pgrouting extension is updated to version 2.6.3.
- The pglogical extension is updated to version 2.4.0.
- The PostGIS extension is updated to version 3.1.4, along with the following related extensions:
  - address_standardizer
  - address_standardizer_data_us
  - postgis_raster
  - postgis_tiger_geocoder
  - postgis_topology

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.12 on Amazon RDS

PostgreSQL version 11.12 is now available on Amazon RDS. PostgreSQL version 11.12 contains several improvements that were announced for PostgreSQL release 11.12.

This version also includes the following change:

- The orafce extension is updated to version 3.15.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.11 on Amazon RDS (deprecated)

PostgreSQL version 11.11 is now available on Amazon RDS. PostgreSQL version 11.11 contains several improvements that were announced for PostgreSQL release 11.11.

This version also added the following new extension:

- The pg_bigm extension version 1.2.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.10 on Amazon RDS (deprecated)

PostgreSQL version 11.10 is now available on Amazon RDS. PostgreSQL version 11.10 contains several improvements that were announced for PostgreSQL release 11.10.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.9 on Amazon RDS (deprecated)

PostgreSQL version 11.9 is now available on Amazon RDS. PostgreSQL version 11.9 contains several improvements that were announced for PostgreSQL release 11.9.

This version also includes the following changes:

- Added the aws_s3 extension version 1.1
- Added the pg_proctab extension version 0.0.9
- Upgraded the pgaudit extension to version 1.3.1.
- Upgraded the pglogical extension to version 2.2.2
- Added the rdkit extension version 3.8

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.8 on Amazon RDS (deprecated)

PostgreSQL version 11.8 contains several bug fixes for issues in release 11.7. For more information on the fixes in PostgreSQL 11.8, see the PostgreSQL 11.8 documentation.

This version also includes the following change:

- Upgraded the pg_hint_plan extension to version 1.3.5.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.7 on Amazon RDS (deprecated)

PostgreSQL version 11.7 contains several bug fixes for issues in release 11.6. For more information on the fixes in PostgreSQL 11.7, see the PostgreSQL 11.7 documentation.

PostgreSQL version 11.6 on Amazon RDS (deprecated)

PostgreSQL version 11.6 contains several bug fixes for issues in release 11.5. For more information on the fixes in PostgreSQL 11.6, see the PostgreSQL documentation.

This version also includes the following changes:

- Upgraded the `pgTAP` extension to version 1.1.0.
- Added the `plprofiler` extension.
- Added to `shared_preload_libraries` support for `pg_prewarm` to start automatically.

PostgreSQL version 11.5 on Amazon RDS (deprecated)

PostgreSQL version 11.5 contains several bug fixes for issues in release 11.4. For more information on the fixes in PostgreSQL 11.5, see the PostgreSQL documentation.

This version also includes the following changes:

- A new extension `pg_transport` is added.
- The extension `aws_s3` has been updated to support virtual-hosted style requests. For more information, see Amazon S3 path deprecation plan – The rest of the story.
- The `PostGIS` extension is updated to version 2.5.2.

PostgreSQL version 11.4 on Amazon RDS (deprecated)

This release contains an important security fix and also bug fixes and improvements done by the PostgreSQL community. For more information on the security fix, see the PostgreSQL community announcement and the security fix CVE-2019-10164.

With this release, the `pg_hint_plan` extension has been updated to version 1.3.4.

For more information on the fixes in PostgreSQL 11.4, see the PostgreSQL documentation.

PostgreSQL version 11.2 on Amazon RDS (deprecated)

PostgreSQL version 11.2 contains several bug fixes for issues in release 11.1. For more information on the fixes in PostgreSQL 11.2, see the PostgreSQL documentation.

This version also includes the following changes:

- A new pgTAP extension version 1.0.
- Support for Amazon S3 import. For more information, see Importing Amazon S3 data into an RDS for PostgreSQL DB instance in the *Amazon RDS User Guide*.
- Multiple major version upgrade is available to PostgreSQL 11.2 from certain previous PostgreSQL versions. For more information, see Choosing a major version upgrade for PostgreSQL in the *Amazon RDS User Guide*.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the
PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL version 11.1 on Amazon RDS (deprecated)

PostgreSQL version 11.1 contains several improvements that were announced in PostgreSQL 11.1
released! This version includes SQL stored procedures that enable embedded transactions within a
procedure. This version also includes major improvements to partitioning and parallelism and many
useful performance improvements. For example, by using a non-null constant for a column default, you
can now use an ALTER TABLE command to add a column without causing a table rewrite.

PostgreSQL version 11.1 contains several bug fixes for issues in release 11. For complete details, see the
PostgreSQL release 11.1 documentation. Some changes in this version include the following:

- Partitioning – Partitioning improvements include support for hash partitioning, enabling creation of a
  default partition, and dynamic row movement to another partition based on the key column update.
- Performance – Performance improvements include parallelism while creating indexes, materialized
  views, hash joins, and sequential scans to make the operations perform better.
- Stored procedures – SQL stored procedures now added support embedded transactions.
- Support for Just-In-Time (JIT) capability – RDS for PostgreSQL 11 instances are created with JIT
  capability, speeding evaluation of expressions. To enable JIT capability, set the `jit` parameter to 1 in
  the PostgreSQL parameter group for the database.
- Segment size – The write-ahead logging (WAL) segment size has been changed from 16 MB to 64 MB.
- Autovacuum improvements – To provide valuable logging, the parameter
  `rds.force_autovacuum_logging` is ON by default in conjunction with the
  `log_autovacuum_min_duration` parameter set to 10 seconds. To increase
  autovacuum effectiveness, the values for the `autovacuum_max_workers` and
  `autovacuum_vacuum_cost_limit` parameters are computed based on host memory capacity to
  provide larger default values.
- Improved transaction timeout – The parameter `idle_in_transaction_session_timeout` is set to
  24 hours. Any session that has been idle more than 24 hours is terminated.
- Performance metrics – The `pg_stat_statements` extension is included in
  `shared_preload_libraries` by default. This avoids having to reboot the instance immediately
  after creation. However, this functionality still requires you to run the statement `CREATE EXTENSION
  pg_stat_statements;`. Also, `track_io_timing` is enabled by default to add more granular data to
  `pg_stat_statements`.
- The tsearch2 extension is no longer supported – If your application uses `tsearch2` functions, update
  it to use the equivalent functions provided by the core PostgreSQL engine. For more information about
  the tsearch2 extension, see PostgreSQL tsearch2.
- The chkpass extension is no longer supported – For more information about the `chkpass` extension,
  see PostgreSQL chkpass.
- Extension updates for RDS for PostgreSQL 11.1 include the following:
  - `pgaudit` is updated to 1.3.0.
  - `pg_hint_plan` is updated to 1.3.2.
  - `pglogical` is updated to 2.2.1.
  - `plcoffee` is updated to 2.3.8.
  - `plv8` is updated to 2.3.8.
  - `PostGIS` is updated to 2.5.1.
  - `prefix` is updated to 1.2.8.

- `wal2json` is updated to hash 9e962bad.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 11 (p. 38).

PostgreSQL 10 versions

Minor versions

PostgreSQL version 10.21 on Amazon RDS

PostgreSQL version 10.21 is now available on Amazon RDS. This release contains several fixes and improvements that were announced in PostgreSQL 10.21.

This version also includes the following changes:

- The pglogical extension is updated to 2.4.1.
- The aws_commons extension is updated to 1.2.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.20 on Amazon RDS

PostgreSQL version 10.20 is now available on Amazon RDS. PostgreSQL version 10.20 contains several improvements that were announced for PostgreSQL release 10.20.

This version also includes the following changes:

- The pgaudit extension is updated to 1.2.3. For information about using this extension with RDS for PostgreSQL, see Logging at the session and object level with the pgaudit extension in the *Amazon RDS User Guide*.
- The lo module is updated to version 1.1.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.19 on Amazon RDS

PostgreSQL version 10.19 is now available on Amazon RDS. PostgreSQL version 10.19 contains several improvements that were announced for PostgreSQL release 10.19.

This version also includes the following change:

- The pg_hint_plan extension is updated to 1.3.6.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.18 on Amazon RDS

PostgreSQL version 10.18 is now available on Amazon RDS. PostgreSQL version 10.18 contains several improvements that were announced for PostgreSQL release 10.18.

This version also includes the following changes:

- The pgrouting extension is updated to version 2.5.5.
- The pglogical extension is updated to version 2.4.0.
- The PostGIS extension is updated to version 3.1.4, along with the following related extensions:
  - address_standardizer
  - address_standardizer_data_us
  - postgis_raster
  - postgis_tiger_geocoder
  - postgis_topology

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.17 on Amazon RDS

PostgreSQL version 10.17 is now available on Amazon RDS. PostgreSQL version 10.17 contains several improvements that were announced for PostgreSQL release 10.17.

This version also includes the following change:

- The orafce extension is updated to version 3.15.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.16 on Amazon RDS (deprecated)

PostgreSQL version 10.16 is now available on Amazon RDS. PostgreSQL version 10.16 contains several improvements that were announced for PostgreSQL release 10.16.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.15 on Amazon RDS (deprecated)

PostgreSQL version 10.15 is now available on Amazon RDS. PostgreSQL version 10.15 contains several improvements that were announced for PostgreSQL release 10.15.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.14 on Amazon RDS (deprecated)

PostgreSQL version 10.14 is now available on Amazon RDS. PostgreSQL version 10.14 contains several improvements that were announced for PostgreSQL release 10.14.

This version also includes the following changes:

- Added the `aws_s3` extension version 1.1. For more information, see Exporting data from an RDS for PostgreSQL DB instance to Amazon S3 in the *Amazon RDS User Guide*.
- Upgraded the `pgaudit` extension to version 1.2.1
- Upgraded the `pglogical` extension to version 2.2.2
- Upgraded the `wal2json` extension to version 2.3

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.13 on Amazon RDS (deprecated)

PostgreSQL version 10.13 contains several bug fixes for issues in release 10.12. For more information on the fixes in PostgreSQL 10.13, see the PostgreSQL 10.13 documentation.

This version also includes the following change:

- Upgraded the `pg_hint_plan` extension to version 1.3.5.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 10 (p. 40).

PostgreSQL version 10.12 on Amazon RDS (deprecated)

PostgreSQL version 10.12 contains several bug fixes for issues in release 10.11. For more information on the fixes in PostgreSQL 10.12, see the PostgreSQL 10.12 documentation.

PostgreSQL version 10.11 on Amazon RDS (deprecated)

PostgreSQL version 10.11 contains several bug fixes for issues in release 10.10. For more information on the fixes in PostgreSQL 10.11, see the PostgreSQL documentation. Changes in this version include the following:

- Added the `plprofiler` extension.

PostgreSQL version 10.10 on Amazon RDS (deprecated)

PostgreSQL version 10.10 contains several bug fixes for issues in release 10.9. For more information on the fixes in PostgreSQL 10.10, see the PostgreSQL documentation. Changes in this version include the following:

- The `aws_s3` extension is updated to support virtual-hosted style requests. For more information, see Amazon S3 path deprecation plan – The rest of the story.
- The `PostGIS` extension is updated to version 2.5.2.

PostgreSQL version 10.9 on Amazon RDS(deprecated)

This release contains an important security fix and also bug fixes and improvements done by the PostgreSQL community. For more information on the security fix, see the PostgreSQL community announcement and security fix CVE-2019-10164.

With this release, the `pg_hint_plan` extension has been updated to version 1.3.3.

For more information on the fixes in PostgreSQL 10.9, see the PostgreSQL documentation.

PostgreSQL version 10.7 on Amazon RDS (deprecated)

PostgreSQL version 10.7 contains several bug fixes for issues in release 10.6. For more information on the fixes in 10.7, see the PostgreSQL documentation.

This version also includes the following changes:

- Support for Amazon S3 import. For more information, see Importing Amazon S3 data into an RDS for PostgreSQL DB instance in the *Amazon RDS User Guide*.
- Multiple major version upgrade is available to PostgreSQL 10.7 from certain previous PostgreSQL versions. For more information, see Choosing a major version upgrade for PostgreSQL in the *Amazon RDS User Guide*.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

PostgreSQL version 10.6 on Amazon RDS (deprecated)

PostgreSQL version 10.6 contains several bug fixes for issues in release 10.5. For more information on the fixes in PostgreSQL 10.6, see the PostgreSQL documentation.

This version also includes the following changes:

- A new `rds.restrict_password_commands` parameter and a new `rds_password` role have been introduced. When the `rds.restrict_password_commands` parameter is enabled, only users who

have the `rds_password` role can make user password and password expiration changes. By restricting password-related operations to a limited set of roles, you can implement policies such as password complexity requirements from the client side. The `rds.restrict_password_commands` parameter is static, so it requires a database restart to change it. For more information, see Restricting password management in the *Amazon RDS User Guide*.

- The logical decoding plugin `wal2json` has been updated to commit `9e962ba`.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

> **Note**
> Amazon RDS for PostgreSQL has announced the removal of the `tsearch2` extension in the next major release. We encourage customers still using pre-8.3 text search to migrate to the equivalent built-in features. For more information about migrating, see the PostgreSQL documentation.

PostgreSQL version 10.5 on Amazon RDS (deprecated)

PostgreSQL version 10.5 contains several bug fixes for issues in release 10.4. For more information on the fixes in 10.5, see the PostgreSQL documentation.

This version also includes the following changes:

- Support for the `pglogical` extension version 2.2.0. Prerequisites for using this extension are the same as the prerequisites for using logical replication for PostgreSQL as described in Performing logical replication for Amazon RDS for PostgreSQL in the *Amazon RDS User Guide*.
- Support for the `pg_similarity` extension version 1.0.
- Support for the `pageinspect` extension version 1.6.
- Support for the `libprotobuf` extension version 1.3.0 for the PostGIS component.
- An update for the `pg_hint_plan` extension to version 1.3.1.
- An update for the `wal2json` extension to version 01c5c1e.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 10.4 on Amazon RDS (deprecated)

PostgreSQL version 10.4 contains several bug fixes for issues in release 10.3. For more information on the fixes in 10.4, see the PostgreSQL documentation.

This version also includes the following changes:

- Support for PostgreSQL 10 Logical Replication using the native publication and subscription framework. RDS for PostgreSQL databases can function as both publishers and subscribers. You can specify replication to other PostgreSQL databases at the database-level or at the table-level. With

logical replication, the publisher and subscriber databases need not be physically identical (block-to-block) to each other. This allows for use cases such as data consolidation, data distribution, and data replication across different database versions for 10.4 and above. For more information, see Performing logical replication for Amazon RDS for PostgreSQL in the *Amazon RDS User Guide*.

- The temporary file size limitation is user-configurable. You require the **rds_superuser** role to modify the `temp_file_limit` parameter.
- Update of the `GDAL` library, which is used by the PostGIS extension. See Managing spatial data with the PostGIS extension in the *Amazon RDS User Guide*.
- Update of the `ip4r` extension to version 2.1.1.
- Update of the `pg_repack` extension to version 1.4.3. See Working with the pg_repack extension in the *Amazon RDS User Guide*.
- Update of the `plv8` extension to version 2.1.2.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

> **Note**
> The `tsearch2` extension is to be removed in the next major release. We encourage customers still using pre-8.3 text search to migrate to the equivalent built-in features. For more information about migrating, see the PostgreSQL documentation.

PostgreSQL version 10.3 on Amazon RDS (deprecated)

PostgreSQL version 10.3 contains several bug fixes for issues in release 10. For more information on the fixes in 10.3, see the PostgreSQL documentation.

Version 2.1.0 of plv8 is now available. If you use plv8 and upgrade PostgreSQL to a new plv8 version, you immediately take advantage of the new extension but the catalog metadata doesn't reflect this fact. For the steps to synchronize your catalog metadata with the new version of plv8, see Upgrading PLV8 in the *Amazon RDS User Guide*.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 10.1 on Amazon RDS (deprecated)

PostgreSQL version 10.1 contains several bug fixes for issues in release 10. For more information on the fixes in 10.1, see the PostgreSQL documentation and the PostgreSQL 10 community announcement.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

PostgreSQL version 10.1 includes the following changes:

- **Declarative table partitioning** – PostgreSQL 10 adds table partitioning to SQL syntax and native tuple routing.

- **Parallel queries** – When you create a new PostgreSQL 10.1 instance, parallel queries are enabled for the `default.postgres10` parameter group. The parameter max_parallel_workers_per_gather is set to 2 by default, but you can modify it to support your specific workload requirements.
- **Support for the international components for unicode (ICU)** – You can use the ICU library to provide explicitly versioned collations. Amazon RDS for PostgreSQL 10.1 is compiled with ICU version 60.2. For more information about ICU implementation in PostgreSQL, see Collation support.
- **Huge pages** – Huge pages is a feature of the Linux kernel that uses multiple page size capabilities of modern hardware architectures. Amazon RDS for PostgreSQL supports huge pages with a global configuration parameter. When you create a new PostgreSQL 10.1 instance with RDS, the `huge_pages` parameter is set to `"on"` for the `default.postgres10` parameter group. You can modify this setting to support your specific workload requirements.
- Extension **plv8 update** – plv8 is a procedural language that you can use to write functions in JavaScript that you can then call from SQL. This release of PostgreSQL supports version 2.1.0 of plv8.
- **Renaming of xlog and location** – In PostgreSQL version 10 the abbreviation "xlog" has changed to "wal", and the term "location" has changed to "lsn". For more information, see https://www.postgresql.org/docs/10/static/release-10.html#id-1.11.6.8.4.
- **tsearch2 extension** – Amazon RDS continues to provide the `tsearch2` extension in PostgreSQL version 10, but is to remove it in the next major version release. If your application uses tsearch2 functions update it to use the equivalent functions the core engine provides. For more information see tsearch2 in the PostgreSQL documentation.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL 9.6 versions

Minor versions

PostgreSQL version 9.6.24 on Amazon RDS

PostgreSQL version 9.6.24 is now available on Amazon RDS. PostgreSQL version 9.6.24 contains several improvements that were announced for PostgreSQL release 9.6.24.

This version also includes the following change:

- The pg_hint_plan extension is updated to 1.2.7.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.23 on Amazon RDS

PostgreSQL version 9.6.23 is now available on Amazon RDS. PostgreSQL version 9.6.23 contains several improvements that were announced for PostgreSQL release 9.6.23.

This version also includes the following changes:

- The `pglogical` extension is updated to version 2.4.0.
- The PostGIS extension is updated to version 2.5.5, along with the following related extensions:
  - address_standardizer
  - address_standardizer_data_us
  - postgis_tiger_geocoder
  - postgis_topology

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.22 on Amazon RDS

PostgreSQL version 9.6.22 is now available on Amazon RDS. PostgreSQL version 9.6.22 contains several improvements that were announced for PostgreSQL release 9.6.22.

This version also includes the following change:

- The orafce extension is updated to version 3.15.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.21 on Amazon RDS (deprecated)

PostgreSQL version 9.6.21 is now available on Amazon RDS. PostgreSQL version 9.6.21 contains several improvements that were announced for PostgreSQL release 9.6.21.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.20 on Amazon RDS (deprecated)

PostgreSQL version 9.6.20 is now available on Amazon RDS. PostgreSQL version 9.6.20 contains several improvements that were announced for PostgreSQL release 9.6.20.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.19 on Amazon RDS (deprecated)

PostgreSQL version 9.6.19 is now available on Amazon RDS. PostgreSQL version 9.6.19 contains several improvements that were announced for PostgreSQL release 9.6.19.

This version also includes the following changes:

- Upgraded the `pgaudit` extension to version 1.1.2
- Upgraded the `pglogical` extension to version 2.2.2
- Upgraded the `wal2json` extension to version 2.3

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.18 on Amazon RDS (deprecated)

PostgreSQL version 9.6.18 contains several bug fixes for issues in release 9.6.17. For more information on the fixes in PostgreSQL 9.6.18, see the PostgreSQL 9.6.18 documentation.

This version also includes the following change:

- Upgraded the `pg_hint_plan` extension to version 1.2.6.

For information on all extensions, see Extensions supported for RDS for PostgreSQL 9.6 (p. 43).

PostgreSQL version 9.6.17 on Amazon RDS (deprecated)

PostgreSQL version 9.6.17 contains several bug fixes for issues in release 9.6.16. For more information on the fixes in PostgreSQL 9.6.17, see the PostgreSQL 9.6.17 documentation.

PostgreSQL version 9.6.16 on Amazon RDS (deprecated)

PostgreSQL version 9.6.16 contains several bug fixes for issues in release 9.6.15. For more information on the fixes in PostgreSQL 9.6.16, see the PostgreSQL documentation.

PostgreSQL version 9.6.15 on Amazon RDS (deprecated)

PostgreSQL version 9.6.15 contains several bug fixes for issues in release 9.6.14. For more information on the fixes in PostgreSQL 9.6.15, see the PostgreSQL documentation.

The `PostGIS` extension is updated to version 2.5.2.

PostgreSQL version 9.6.14 on Amazon RDS (deprecated)

This release contains bug fixes and improvements done by the PostgreSQL community.

With this release, the `pg_hint_plan` extension has been updated to version 1.2.5.

For more information on the fixes in PostgreSQL 9.6.14, see the PostgreSQL documentation.

PostgreSQL version 9.6.12 on Amazon RDS (deprecated)

PostgreSQL version 9.6.12 contains several bug fixes for issues in release 9.6.11. For more information on the fixes in 9.6.12, see the PostgreSQL documentation.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

PostgreSQL version 9.6.11 on Amazon RDS (deprecated)

PostgreSQL version 9.6.11 contains several bug fixes for issues in release 9.6.10. For more information on the fixes in PostgreSQL 9.6.11, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

With this version, the logical decoding plugin `wal2json` has been updated to commit `9e962ba`.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 9.6.10 on Amazon RDS (deprecated)

PostgreSQL version 9.6.10 contains several bug fixes for issues in release 9.6.9. For more information on the fixes in 9.6.10, see the PostgreSQL documentation.

This version includes the following changes:

- Support for the `pglogical` extension version 2.2.0. Prerequisites for using this extension are the same as the prerequisites for using logical replication for PostgreSQL as described in Performing logical replication for Amazon RDS for PostgreSQL in the *Amazon RDS User Guide*.
- Support for the `pg_similarity` extension version 2.2.0.
- An update for the `wal2json` extension to version 01c5c1e.
- An update for the `pg_hint_plan` extension to version 1.2.3.

For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 9.6.9 on Amazon RDS (deprecated)

PostgreSQL version 9.6.9 contains several bug fixes for issues in release 9.6.8. For more information on the fixes in 9.6.9, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

This version includes the following changes:

- The temporary file size limitation is user-configurable. You require the **rds_superuser** role to modify the `temp_file_limit` parameter.
- Update of the `GDAL` library, which is used by the PostGIS extension. See Working with the PostGIS extension in the *Amazon RDS User Guide*.
- Update of the `ip4r` extension to version 2.1.1.
- Update of the `pgaudit` extension to version 1.1.1. See Logging at the session and object level with the pgaudit extension in the *Amazon RDS User Guide*.

  Update of the `pg_repack` extension to version 1.4.3. See Working with the pg_repack extension in the *Amazon RDS User Guide*.
- Update of the `plv8` extension to version 2.1.2.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 9.6.8 on Amazon RDS (deprecated)

PostgreSQL version 9.6.8 contains several bug fixes for issues in release 9.6.6. For more information on the fixes in 9.6.8, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 9.6.6 on Amazon RDS (deprecated)

PostgreSQL version 9.6.6 contains several bug fixes for issues in release 9.6.5. For more information on the fixes in 9.6.6, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

This version includes the following features:

- Supports the `orafce` extension, version 3.6.1. This extension contains functions that are native to commercial databases, and can be helpful if you are porting a commercial database to PostgreSQL. For more information about using `orafce` with Amazon RDS, see Using functions from the orafce extensionin the *Amazon RDS User Guide*.
- Supports the `prefix` extension, version 1.2.6. This extension provides an operator for text prefix searches. For more information about `prefix`, see the prefix project on GitHub.

- Supports version 2.3.4 of PostGIS, version 2.4.2 of pgrouting, and an updated version of wal2json.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 9.6.5 on Amazon RDS (deprecated)

PostgreSQL version 9.6.5 contains several bug fixes for issues in release 9.6.4. For more information on the fixes in 9.6.5, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

This version also includes support for the pgrouting, postgresql-hll extensions, and the decoder_raw optional extension.

For the complete list of extensions supported by Amazon RDS for PostgreSQL, see Extension versions for Amazon RDS for PostgreSQL (p. 29).

PostgreSQL version 9.6.3 on Amazon RDS (deprecated)

PostgreSQL version 9.6.3 contains several new features and bug fixes. This version includes the following features:

- Supports the extension `pg_repack` version 1.4.0. You can use this extension to remove bloat from tables and indexes. For more information on using `pg_repack` with Amazon RDS, see Reducing bloat in tables and indexes with the pg_repack extension in the *Amazon RDS User Guide*.
- Supports the extension `pgaudit` version 1.1.0. This extension provides detailed session and object audit logging. For more information on using pgaudit with Amazon RDS, see Logging at the session and object level with the pgaudit extension in the *Amazon RDS User Guide*.
- Supports `wal2json`, an output plugin for logical decoding.
- Supports the `auto_explain` extension. You can use this extension to log execution plans of slow statements automatically. The following example shows how to use `auto_explain` from within an Amazon RDS PostgreSQL session:

```
LOAD '$libdir/plugins/auto_explain';
```

For more information on using `auto_explain`, see the PostgreSQL documentation.

PostgreSQL version 9.6.2 on Amazon RDS (deprecated)

PostgreSQL version 9.6.2 contains several new features and bug fixes. The new version also includes the following extension versions:

- PostGIS version 2.3.2
- pg_freespacemap version 1.1–Provides a way to examine the free space map (FSM). This extension provides an overloaded function called pg_freespace. The functions show the value recorded in the free space map for a given page, or for all pages in the relation.

- pg_hint_plan version 1.1.3– Provides control of execution plans by using hinting phrases at the beginning of SQL statements.
- log_fdw version 1.0–Using this extension from Amazon RDS, you can load and query your database engine log from within the database. For more information, see Using the log_fdw extension to access the DB log using SQL in the *Amazon RDS User Guide*.
- With this version release, you can now edit the `max_worker_processes` parameter in a DB parameter group.

PostgreSQL version 9.6.2 on Amazon RDS also supports altering enum values. For more information, see Custom data types and enumerations with RDS for PostgreSQL in the *Amazon RDS User Guide*.

For more information on the fixes in 9.6.2, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*.

PostgreSQL version 9.6.1 on Amazon RDS (deprecated)

PostgreSQL version 9.6.1 contains several new features and improvements. For more information about the fixes and improvements in PostgreSQL 9.6.1, see the PostgreSQL documentation. For information on upgrading the engine version for your PostgreSQL DB instance, see Upgrading the PostgreSQL DB engine for Amazon RDS in the *Amazon RDS User Guide*. For information about performing parallel queries and phrase searching using Amazon RDS for PostgreSQL 9.6.1, see the AWS Database Blog.

PostgreSQL version 9.6.1 includes the following changes:

- **Parallel query processing**: Supports parallel processing of large read-only queries, allowing sequential scans, hash joins, nested loops, and aggregates to be run in parallel. By default, parallel query processing isn't enabled. To enable parallel query processing, set the parameter `max_parallel_workers_per_gather` to a value larger than zero.

- **Updated postgres_fdw extension**: Supports remote JOINs, SORTs, UPDATEs, and DELETE operations.
- **plv8 update**: Provides version 1.5.3 of the plv8 language.
- **PostGIS version update**: Supports POSTGIS="2.3.0 r15146" GEOS="3.5.0-CAPI-1.9.0 r4084" PROJ="Rel. 4.9.2, 08 September 2015" GDAL="GDAL 2.1.1, released 2016/07/07" LIBXML="2.9.1" LIBJSON="0.12" RASTER

- **Vacuum improvement**: Avoids scanning pages unnecessarily during vacuum freeze operations.

- **Full-text search support for phrases**: Supports the ability to specify a phrase-search query in tsquery input using the new operators <-> and <N>.

- **Two new extensions are supported**:
  - `bloom`, an index access method based on Bloom filters
  - `pg_visibility`, which provides a means for examining the visibility map and page-level visibility information of a table.
- With the release of version 9.6.2, you can now edit the `max_worker_processes` parameter in a PostgreSQL version 9.6.1 DB parameter group.

Extension versions for Amazon RDS for PostgreSQL

Amazon RDS for PostgreSQL supports many extensions for the PostgreSQL database engine. The PostgreSQL community sometimes refers to these as modules. Extensions expand on the functionality provided by the PostgreSQL engine. You can find a list of extensions supported by Amazon RDS in the default DB parameter group for that PostgreSQL version. You can also see the current extensions list using `psql` by showing the `rds.extensions` parameter as in the following example.

```
SHOW rds.extensions;
```

> **Note**
> Parameters added in a minor version release might display inaccurately when using the `rds.extensions` parameter in `psql`.

The following sections show the extensions supported by Amazon RDS for the major PostgreSQL versions.

Contents

Extensions supported for RDS for PostgreSQL 14

The following table shows PostgreSQL extensions for PostgreSQL version 14 that are currently supported on Amazon RDS. For more information on PostgreSQL extensions, see Packaging related objects into an extension.

Extension	14.4	14.3	14.2	14.1
address_standardizer	3.1.5	3.1.5	3.1.5	3.1.5
address_standardizer_data_us	3.1.5	3.1.5	3.1.5	3.1.5
amcheck	1.3	1.3	1.3	1.3
autoinc (contrib-spi)	1.0	1.0	1.0	1.0
auto_explain	yes	yes	yes	yes
aws_commons	1.2	1.2	1.2	1.2
aws_lambda	1.0	1.0	1.0	1.0
aws_s3	1.1	1.1	1.1	1.1

Extension	14.4	14.3	14.2	14.1
bloom	1.0	1.0	1.0	1.0
bool_plperl	1.0	1.0	1.0	1.0
btree_gin	1.3	1.3	1.3	1.3
btree_gist	1.6	1.6	1.6	1.6
citext	1.6	1.6	1.6	1.6
cube	1.5	1.5	1.5	1.5
dblink	1.2	1.2	1.2	1.2
dict_int	1.0	1.0	1.0	1.0
dict_xsyn	1.0	1.0	1.0	1.0
earthdistance	1.1	1.1	1.1	1.1
flow_control	1.0	1.0	1.0	1.0
fuzzystrmatch	1.1	1.1	1.1	1.1
hll	2.16	2.16	2.15	2.15
hstore	1.8	1.8	1.8	1.8
hstore_plperl	1.0	1.0	1.0	1.0
ICU module	60.2	60.2	60.2	60.2
insert_username (contrib-spi)	1.0	1.0	1.0	1.0
intagg	1.1	1.1	1.1	1.1
intarray	1.5	1.5	1.5	1.5
ip4r	2.4	2.4	2.4	2.4
isn	1.2	1.2	1.2	1.2
jsonb_plperl	1.0	1.0	1.0	1.0
lo	1.1	1.1	1.1	1.0
log_fdw	1.3	1.3	1.3	1.3
ltree	1.2	1.2	1.2	1.2
mysql_fdw	2.7.0	2.7.0	2.7.0	N/A
moddatetime (contrib-spi)	1.0	1.0	1.0	1.0
old_snapshot	1.0	1.0	1.0	1.0
oracle_fdw	1.2	1.2	1.2	1.2
orafce	3.15	3.15	3.15	3.15

Extension	14.4	14.3	14.2	14.1
pageinspect	1.9	1.9	1.9	1.9
pg_bigm	1.2	1.2	1.2	1.2
pg_buffercache	1.3	1.3	1.3	1.3
pg_cron	1.4	1.4	1.4	1.4
pg_freespacemap	1.2	1.2	1.2	1.2
pg_hint_plan	1.4	1.4	1.3.7	1.3.7
pg_partman	4.6.0	4.6.0	4.6.0	4.6.0
pg_prewarm	1.2	1.2	1.2	1.2
pg_proctab	0.0.9	0.0.9	0.0.9	0.0.9
pg_repack	1.4.7	1.4.7	1.4.7	1.4.7
pg_similarity	1.0	1.0	1.0	1.0
pg_stat_statements	1.9	1.9	1.9	1.9
pg_transport	1.0	1.0	1.0	1.0
pg_trgm	1.6	1.6	1.6	1.6
pg_visibility	1.2	1.2	1.2	1.2
pgAudit	1.6.1	1.6.1	1.6.1	1.6
pgcrypto	1.3	1.3	1.3	1.3
pglogical	2.4.1	2.4.1	2.4.0	2.4.0
pgrouting	3.2.0	3.2.0	3.2.0	3.2.0
pgrowlocks	1.2	1.2	1.2	1.2
pgstattuple	1.5	1.5	1.5	1.5
pgTAP	1.1.0	1.1.0	1.1.0	1.1.0
plcoffee	2.3.15	2.3.15	2.3.15	2.3.15
plls	2.3.15	2.3.15	2.3.15	2.3.15
plperl	1.0	1.0	1.0	1.0
plpgsql	1.0	1.0	1.0	1.0
plprofiler	4.1	4.1	4.1	4.1
pltcl	1.0	1.0	1.0	1.0
plv8	2.3.15	2.3.15	2.3.15	2.3.15
PostGIS	3.1.5	3.1.5	3.1.5	3.1.4
postgis_raster	3.1.5	3.1.5	3.1.5	3.1.4

Extension	14.4	14.3	14.2	14.1
postgis_tiger_geocoder	3.1.5	3.1.5	3.1.5	3.1.4
postgis_topology	3.1.5	3.1.5	3.1.5	3.1.4
postgres_fdw	1.1	1.1	1.1	1.1
prefix	1.2.0	1.2.0	1.2.0	1.2.0
rdkit	3.8	3.8	3.8	3.8
rds_tools	1.0	1.0	1.0	1.0
refint (contrib-spi)	1.0	1.0	1.0	1.0
sslinfo	1.2	1.2	1.2	1.2
tablefunc	1.0	1.0	1.0	1.0
tds_fdw	2.0.2	2.0.2	2.0.2	N/A
test_parser	1.0	1.0	1.0	1.0
tsm_system_rows	1.0	1.0	1.0	1.0
tsm_system_time	1.0	1.0	1.0	1.0
unaccent	1.1	1.1	1.1	1.1
uuid-ossp	1.1	1.1	1.1	1.1
wal2json	2.3	2.3	2.3	2.3

Extensions supported for RDS for PostgreSQL 13

The following table shows PostgreSQL extensions for PostgreSQL version 13 that are currently supported on Amazon RDS. For more information on PostgreSQL extensions, see Packaging related objects into an extension.

Extension	13.7	13.6	13.5	13.4	13.3
address_standardizer	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
address_standardizer_data_us	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
amcheck	1.2	1.2	1.2	1.2	1.2
auto_explain	yes	yes	yes	yes	yes
autoinc (contrib-spi)	1.0	1.0	1.0	1.0	N/A
aws_commons	1.2	1.2	1.2	1.2	1.1
aws_lambda	1.0	1.0	1.0	1.0	1.0
aws_s3	1.1	1.1	1.1	1.1	1.1
bloom	1.0	1.0	1.0	1.0	1.0

Extension	13.7	13.6	13.5	13.4	13.3
bool_plperl	1.0	1.0	1.0	1.0	1.0
btree_gin	1.3	1.3	1.3	1.3	1.3
btree_gist	1.5	1.5	1.5	1.5	1.5
citext	1.6	1.6	1.6	1.6	1.6
cube	1.4	1.4	1.4	1.4	1.4
dblink	1.2	1.2	1.2	1.2	1.2
dict_int	1.0	1.0	1.0	1.0	1.0
dict_xsyn	1.0	1.0	1.0	1.0	1.0
earthdistance	1.1	1.1	1.1	1.1	1.1
flow_control	1.0	1.0	1.0	1.0	1.0
fuzzystrmatch	1.1	1.1	1.1	1.1	1.1
hll	2.15	2.15	2.15	2.15	2.15
hstore	1.7	1.7	1.7	1.7	1.7
hstore_plperl	1.0	1.0	1.0	1.0	1.0
ICU module	60.2	60.2	60.2	60.2	60.2
insert_username (contrib-spi)	1.0	1.0	1.0	1.0	N/A
intagg	1.1	1.1	1.1	1.1	1.1
intarray	1.3	1.3	1.3	1.3	1.3
ip4r	2.4	2.4	2.4	2.4	2.4
isn	1.2	1.2	1.2	1.2	1.2
jsonb_plperl	1.0	1.0	1.0	1.0	1.0
lo	1.1	1.1	1.0	1.0	1.0
log_fdw	1.2	1.2	1.2	1.2	1.2
ltree	1.2	1.2	1.2	1.2	1.2
moddatetime (contrib-spi)	1.0	1.0	1.0	1.0	N/A
mysql_fdw	2.7.0	2.7.0	N/A	N/A	N/A
oracle_fdw	2.3.0	2.3.0	2.3.0	2.3.0	2.3.0
orafce	3.15	3.15	3.15	3.15	3.15
pageinspect	1.8	1.8	1.8	1.8	1.8
pg_bigm	1.2	1.2	1.2	1.2	1.2

Extension	13.7	13.6	13.5	13.4	13.3
pg_buffercache	1.3	1.3	1.3	1.3	1.3
pg_cron	1.4.1	1.4.1	1.4.1	1.3.1	1.3.1
pg_freespacemap	1.2	1.2	1.2	1.2	1.2
pg_hint_plan	1.3.7	1.3.7	1.3.7	1.3.7	1.3.7
pg_partman	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1
pg_prewarm	1.2	1.2	1.2	1.2	1.2
pg_proctab	0.0.9	0.0.9	0.0.9	0.0.9	0.0.9
pg_repack	1.4.6	1.4.6	1.4.6	1.4.6	1.4.6
pg_similarity	1.0	1.0	1.0	1.0	1.0
pg_stat_statements	1.8	1.8	1.8	1.8	1.8
pg_transport	1.0	1.0	1.0	1.0	1.0
pg_trgm	1.5	1.5	1.5	1.5	1.5
pg_visibility	1.2	1.2	1.2	1.2	1.2
pgAudit	1.5.1	1.5.1	1.5	1.5	1.5
pgcrypto	1.3	1.3	1.3	1.3	1.3
pglogical	2.4.1	2.4.0	2.4.0	2.4.0	2.3.3
pgrouting	3.1.3	3.1.3	3.1.3	3.1.3	3.1.0
pgrowlocks	1.2	1.2	1.2	1.2	1.2
pgstattuple	1.5	1.5	1.5	1.5	1.5
pgTAP	1.1.0	1.1.0	1.1.0	1.1.0	1.1.0
plcoffee	2.3.15	2.3.15	2.3.15	2.3.15	2.3.15
plls	2.3.15	2.3.15	2.3.15	2.3.15	2.3.15
plperl	1.0	1.0	1.0	1.0	1.0
plpgsql	1.0	1.0	1.0	1.0	1.0
plprofiler	4.1	4.1	4.1	4.1	4.1
pltcl	1.0	1.0	1.0	1.0	1.0
plv8	2.3.15	2.3.15	2.3.15	2.3.15	2.3.15
PostGIS	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgis_raster	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgis_tiger_geocoder	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgis_topology	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3

Extension	13.7	13.6	13.5	13.4	13.3
postgres_fdw	1.0	1.0	1.0	1.0	1.0
prefix	1.2.0	1.2.0	1.2.0	1.2.0	1.2.0
rdkit	3.8	3.8	3.8	3.8	3.8
rds_tools	1.0	1.0	1.0	1.0	1.0
refint (contrib-spi)	1.0	1.0	1.0	1.0	N/A
sslinfo	1.2	1.2	1.2	1.2	1.2
tablefunc	1.0	1.0	1.0	1.0	1.0
tds_fdw	2.0.2	2.0.2	N/A	N/A	N/A
test_parser	1.0	1.0	1.0	1.0	1.0
tsm_system_rows	1.0	1.0	1.0	1.0	1.0
tsm_system_time	1.0	1.0	1.0	1.0	1.0
unaccent	1.1	1.1	1.1	1.1	1.1
uuid-ossp	1.1	1.1	1.1	1.1	1.1
wal2json	2.3	2.3	2.3	2.3	2.3

Extensions supported for RDS for PostgreSQL 12

The following table shows PostgreSQL extensions for PostgreSQL version 12 that are currently supported on Amazon RDS. For more information on PostgreSQL extensions, see Packaging related objects into an extension.

Extension	12.11	12.10	12.9	12.8	12.7
address_standardizer	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
address_standardizer_data_us	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
amcheck	1.2	1.2	1.2	1.2	1.2
auto_explain	yes	yes	yes	yes	yes
aws_commons	1.2	1.2	1.0	1.0	1.0
aws_lambda	1.0	1.0	1.0	1.0	1.0
aws_s3	1.1	1.1	1.1	1.1	1.1
bloom	1.0	1.0	1.0	1.0	1.0
btree_gin	1.3	1.3	1.3	1.3	1.3
btree_gist	1.5	1.5	1.5	1.5	1.5
citext	1.6	1.6	1.6	1.6	1.6

Extension	12.11	12.10	12.9	12.8	12.7
cube	1.4	1.4	1.4	1.4	1.4
dblink	1.2	1.2	1.2	1.2	1.2
dict_int	1.0	1.0	1.0	1.0	1.0
dict_xsyn	1.0	1.0	1.0	1.0	1.0
earthdistance	1.1	1.1	1.1	1.1	1.1
fuzzystrmatch	1.1	1.1	1.1	1.1	1.1
hll	2.14	2.14	2.14	2.14	2.14
hstore	1.6	1.6	1.6	1.6	1.6
hstore_plperl	1.0	1.0	1.0	1.0	1.0
ICU module	60.2	60.2	60.2	60.2	60.2
intagg	1.1	1.1	1.1	1.1	1.1
intarray	1.2	1.2	1.2	1.2	1.2
ip4r	2.4	2.4	2.4	2.4	2.4
isn	1.2	1.2	1.2	1.2	1.2
jsonb_plperl	1.0	1.0	1.0	1.0	1.0
lo	1.1	1.1	1.0	1.0	1.0
log_fdw	1.1	1.1	1.1	1.1	1.1
ltree	1.1	1.1	1.1	1.1	1.1
oracle_fdw	2.3.0	2.3.0	2.3.0	2.3.0	2.3.0
orafce	3.15	3.15	3.15	3.15	3.15
pageinspect	1.7	1.7	1.7	1.7	1.7
pg_bigm	1.2	1.2	1.2	1.2	1.2
pg_buffercache	1.3	1.3	1.3	1.3	1.3
pg_cron	1.4.1	1.4.1	1.4.1	1.3.1	1.3.1
pg_freespacemap	1.2	1.2	1.2	1.2	1.2
pg_hint_plan	1.3.7	1.3.7	1.3.7	1.3.5	1.3.5
pg_partman	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1
pg_prewarm	1.2	1.2	1.2	1.2	1.2
pg_proctab	0.0.9	0.0.9	0.0.9	0.0.9	0.0.9
pg_repack	1.4.5	1.4.5	1.4.5	1.4.5	1.4.5
pg_similarity	1.0	1.0	1.0	1.0	1.0

Extension	12.11	12.10	12.9	12.8	12.7
pg_stat_statements	1.7	1.7	1.7	1.7	1.7
pg_transport	1.0	1.0	1.0	1.0	1.0
pg_trgm	1.4	1.4	1.4	1.4	1.4
pg_visibility	1.2	1.2	1.2	1.2	1.2
pgAudit	1.4.2	1.4.2	1.4	1.4	1.4
pgcrypto	1.3	1.3	1.3	1.3	1.3
pglogical	2.4.1	2.4.0	2.4.0	2.4.0	2.3.2
pgrouting	3.0.5	3.0.5	3.0.5	3.0.5	3.0.0
pgrowlocks	1.2	1.2	1.2	1.2	1.2
pgstattuple	1.5	1.5	1.5	1.5	1.5
pgTAP	1.1.0	1.1.0	1.1.0	1.1.0	1.1.0
plcoffee	2.3.14	2.3.14	2.3.14	2.3.14	2.3.14
plls	2.3.14	2.3.14	2.3.14	2.3.14	2.3.14
plperl	1.0	1.0	1.0	1.0	1.0
plpgsql	1.0	1.0	1.0	1.0	1.0
plprofiler	4.1	4.1	4.1	4.1	4.1
pltcl	1.0	1.0	1.0	1.0	1.0
plv8	2.3.14	2.3.14	2.3.14	2.3.14	2.3.14
PostGIS	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgis_raster	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgis_tiger_geocoder	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgis_topology	3.1.5	3.1.5	3.1.4	3.1.4	3.0.3
postgres_fdw	1.0	1.0	1.0	1.0	1.0
prefix	1.2.0	1.2.0	1.2.0	1.2.0	1.2.0
rdkit	3.8	3.8	3.8	3.8	3.8
sslinfo	1.2	1.2	1.2	1.2	1.2
tablefunc	1.0	1.0	1.0	1.0	1.0
test_parser	1.0	1.0	1.0	1.0	1.0
tsm_system_rows	1.0	1.0	1.0	1.0	1.0
tsm_system_time	1.0	1.0	1.0	1.0	1.0
unaccent	1.1	1.1	1.1	1.1	1.1

Extension	12.11	12.10	12.9	12.8	12.7
uuid-ossp	1.1	1.1	1.1	1.1	1.1
wal2json	2.3	2.3	2.3	2.3	2.3

Extensions supported for RDS for PostgreSQL 11

The following tables show PostgreSQL extensions for PostgreSQL version 11.x that are currently supported by RDS for PostgreSQL. "N/A" indicates that the extension isn't available for that PostgreSQL version. For more information on PostgreSQL extensions, see Packaging related objects into an extension.

Extension	11.16	11.15	11.14	11.13	11.12
address_standardizer	3.1.5	3.1.5	3.1.4	3.1.4	2.5.1
address_standardizer_data_us	3.1.5	3.1.5	3.1.4	3.1.4	2.5.1
aws_commons	1.2	1.1	1.1	1.1	1.1
aws_s3	1.1	1.1	1.1	1.1	1.1
amcheck	yes	yes	yes	yes	yes
auto_explain	yes	yes	yes	yes	yes
bloom	1.0	1.0	1.0	1.0	1.0
btree_gin	1.3	1.3	1.3	1.3	1.3
btree_gist	1.5	1.5	1.5	1.5	1.5
citext	1.5	1.5	1.5	1.5	1.5
cube	1.4	1.4	1.4	1.4	1.4
dblink	1.2	1.2	1.2	1.2	1.2
decoder_raw	yes	yes	yes	yes	yes
dict_int	1.0	1.0	1.0	1.0	1.0
dict_xsyn	1.0	1.0	1.0	1.0	1.0
earthdistance	1.1	1.1	1.1	1.1	1.1
fuzzystrmatch	1.1	1.1	1.1	1.1	1.1
hstore	1.5	1.5	1.5	1.5	1.5
hstore_plperl	1.0	1.0	1.0	1.0	1.0
ICU module	60.2	60.2	60.2	60.2	60.2
intagg	1.1	1.1	1.1	1.1	1.1
intarray	1.2	1.2	1.2	1.2	1.2
ip4r	2.3	2.3	2.3	2.3	2.3

Extension	11.16	11.15	11.14	11.13	11.12
isn	1.2	1.2	1.2	1.2	1.2
lo	1.1	1.1	N/A	N/A	N/A
log_fdw	1.0	1.0	1.0	1.0	1.0
libprotobuf	1.3.0	1.3.0	1.3.0	1.3.0	1.3.0
ltree	1.1	1.1	1.1	1.1	1.1
orafce	3.15	3.15	3.15	3.15	3.15
pageinspect	1.7	1.7	1.7	1.7	1.7
pg_bigm	1.2	1.2	1.2	1.2	1.2
pg_buffercache	1.3	1.3	1.3	1.3	1.3
pg_freespacemap	1.2	1.2	1.2	1.2	1.2
pg_hint_plan	1.3.7	1.3.7	1.3.7	1.3.5	1.3.5
pg_prewarm	1.2	1.2	1.2	1.2	1.2
pg_proctab	0.0.9	0.0.9	0.0.9	0.0.9	0.0.9
pg_repack	1.4.4	1.4.4	1.4.4	1.4.4	1.4.4
pg_similarity	1.0	1.0	1.0	1.0	1.0
pg_stat_statements	1.6	1.6	1.6	1.6	1.6
pg_transport	1.0	1.0	1.0	1.0	1.0
pg_trgm	1.4	1.4	1.4	1.4	1.4
pg_visibility	1.2	1.2	1.2	1.2	1.2
pgAudit	1.3.3	1.3.3	1.3.1	1.3.1	1.3.1
pgcrypto	1.3	1.3	1.3	1.3	1.3
pglogical	2.4.1	2.4.0	2.4.0	2.4.0	2.2.2
pgrowlocks	1.2	1.2	1.2	1.2	1.2
pgrouting	2.6.3	2.6.3	2.6.3	2.6.3	2.6.1
pgstattuple	1.5	1.5	1.5	1.5	1.5
pgTAP	1.1.0	1.1.0	1.1.0	1.1.0	1.1.0
plcoffee	2.3.8	2.3.8	2.3.8	2.3.8	2.3.8
plls	2.3.8	2.3.8	2.3.8	2.3.8	2.3.8
plperl	1.0	1.0	1.0	1.0	1.0
plpgsql	1.0	1.0	1.0	1.0	1.0
plprofiler	4.1	4.1	4.1	4.1	4.1

Extension	11.16	11.15	11.14	11.13	11.12
pltcl	1.0	1.0	1.0	1.0	1.0
plv8	2.3.8	2.3.8	2.3.8	2.3.8	2.3.8
PostGIS	3.1.5	3.1.5	3.1.4	3.1.4	2.5.2
postgis_raster	3.1.5	3.1.5	3.1.4	3.1.4	N/A
postgis_tiger_geocoder	3.1.5	3.1.5	3.1.4	3.1.4	2.5.1
postgis_topology	3.1.5	3.1.5	3.1.4	3.1.4	2.5.1
postgres_fdw	1.0	1.0	1.0	1.0	1.0
postgresql-hll	2.11	2.11	2.11	2.11	2.11
prefix	1.2.8	1.2.8	1.2.8	1.2.8	1.2.8
rdkit	3.8	3.8	3.8	3.8	3.8
sslinfo	1.2	1.2	1.2	1.2	1.2
tablefunc	1.0	1.0	1.0	1.0	1.0
test_decoding	yes	yes	yes	yes	yes
test_parser	1.0	1.0	1.0	1.0	1.0
tsm_system_rows	1.0	1.0	1.0	1.0	1.0
tsm_system_time	1.0	1.0	1.0	1.0	1.0
unaccent	1.1	1.1	1.1	1.1	1.1
uuid-ossp	1.1	1.1	1.1	1.1	1.1
wal2json	2.3	2.3	2.3	2.3	2.3

Extensions supported for RDS for PostgreSQL 10

The following tables show PostgreSQL extensions for PostgreSQL version 10 that are currently supported by RDS for PostgreSQL. "N/A" indicates that the extension isn't available for that PostgreSQL version. For more information on PostgreSQL extensions, see Packaging related objects into an extension.

Extension	10.21	10.20	10.19	10.18	10.17
address_standardizer	3.1.5	3.1.5	3.1.4	3.1.4	2.4.2
address_standardizer_data_us	3.1.5	3.1.5	3.1.4	3.1.4	2.4.2
amcheck	1	1	yes	yes	yes
auto_explain	yes	yes	yes	yes	yes
aws_commons	1.2	1.1	1.1	1.1	1.1
aws_s3	1.1	1.1	1.1	1.1	1.1

Extension	10.21	10.20	10.19	10.18	10.17
bloom	1.0	1.0	1.0	1.0	1.0
btree_gin	1.2	1.2	1.2	1.2	1.2
btree_gist	1.5	1.5	1.5	1.5	1.5
chkpass	1.0	1.0	1.0	1.0	1.0
citext	1.4	1.4	1.4	1.4	1.4
cube	1.2	1.2	1.2	1.2	1.2
dblink	1.2	1.2	1.2	1.2	1.2
decoder_raw	yes	yes	yes	yes	yes
dict_int	1.0	1.0	1.0	1.0	1.0
dict_xsyn	1.0	1.0	1.0	1.0	1.0
earthdistance	1.1	1.1	1.1	1.1	1.1
fuzzystrmatch	1.1	1.1	1.1	1.1	1.1
hstore	1.4	1.4	1.4	1.4	1.4
hstore_plperl	1.0	1.0	1.0	1.0	1.0
ICU module	60.2	60.2	60.2	60.2	60.2
intagg	1.1	1.1	1.1	1.1	1.1
intarray	1.2	1.2	1.2	1.2	1.2
ip4r	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1
isn	1.1	1.1	1.1	1.1	1.1
lo	1.1	1.1	N/A	N/A	N/A
log_fdw	1.1	1.1	1.0	1.0	1.0
libprotobuf	1.3.0	1.3.0	1.3.0	1.3.0	1.3.0
ltree	1.1	1.1	1.1	1.1	1.1
orafce	3.15	3.15	3.15	3.15	3.15
pageinspect	1.6	1.6	1.6	1.6	1.6
pg_buffercache	1.3	1.3	1.3	1.3	1.3
pg_freespacemap	1.2	1.2	1.2	1.2	1.2
pg_hint_plan	1.3.6	1.3.6	1.3.6	1.3.5	1.3.5
pg_prewarm	1.1	1.1	1.1	1.1	1.1
pg_repack	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3
pg_similarity	1.0	1.0	1.0	1.0	1.0

Extension	10.21	10.20	10.19	10.18	10.17
pg_stat_statements	1.6	1.6	1.6	1.6	1.6
pg_transport	1.0	1.0	1.0	1.0	1.0
pg_trgm	1.3	1.3	1.3	1.3	1.3
pg_visibility	1.2	1.2	1.2	1.2	1.2
pgAudit	1.2.3	1.2.3	1.2.1	1.2.1	1.2.1
pgcrypto	1.3	1.3	1.3	1.3	1.3
pglogical	2.4.1	2.4.0	2.4.0	2.4.0	2.2.2
pgrowlocks	2.5.5	2.5.5	1.2	1.2	1.2
pgrouting	1.2	1.2	2.5.5	2.5.5	2.5.2
pgstattuple	1.5	1.5	1.5	1.5	1.5
plcoffee	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2
plls	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2
plperl	1.0	1.0	1.0	1.0	1.0
plpgsql	1.0	1.0	1.0	1.0	1.0
plprofiler	4.1	4.1	4.1	4.1	4.1
pltcl	1.0	1.0	1.0	1.0	1.0
plv8	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2
PostGIS	3.1.5	3.1.5	3.1.4	3.1.4	2.5.2
postgis_raster	3.1.5	3.1.5	3.1.4	3.1.4	N/A
postgis_tiger_geocoder	3.1.5	3.1.5	3.1.4	3.1.4	2.4.2
postgis_topology	3.1.5	3.1.5	3.1.4	3.1.4	2.4.2
postgres_fdw	1.0	1.0	1.0	1.0	1.0
postgresql-hll	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2
prefix	1.2	1.2	1.2.0	1.2.0	1.2.0
sslinfo	1.2	1.2	1.2	1.2	1.2
tablefunc	1.0	1.0	1.0	1.0	1.0
test_decoding	1	1	yes	yes	yes
test_parser	1.0	1.0	1.0	1.0	1.0
tsearch2 (deprecated)	1.0	1.0	1.0	1.0	1.0
tsm_system_rows	1.1	1.1	1.0	1.0	1.0
tsm_system_time	1.1	1.1	1.0	1.0	1.0

Extension	10.21	10.20	10.19	10.18	10.17
unaccent	1.1	1.1	1.1	1.1	1.1
uuid-ossp	1.1	1.1	1.1	1.1	1.1
wal2json	2.3	2.3	2.3	2.3	2.3

The `tsearch2` extension is deprecated in version 10. The `tsearch2` extension was remove from PostgreSQL version 11.1 on Amazon RDS (deprecated) (p. 15).

Extensions supported for RDS for PostgreSQL 9.6

The following tables show PostgreSQL extensions for PostgreSQL version 9.6.x that are currently supported by RDS for PostgreSQL. "N/A" indicates that the extension isn't available for that PostgreSQL version. For more information on PostgreSQL extensions, see Packaging related objects into an extension.

Exte	9.6.2	9.6.2	9.6.2	9.6.2	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.9	9.6.8	9.6.6	9.6.5	9.6.3	9.6.2	9.6.1
address	2.3.5, 2.3.7	2.3.5, 2.3.7	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.2	2.3.2	2.3.2	2.3.0
address	2.3.5, 2.3.7	2.3.5, 2.3.7	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.2	2.3.2	2.3.2	2.3.0
auto_explain	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	N/A	N/A
bloom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
btree_gin	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
btree_gist	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
chkpass	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
citext	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
cube	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
dblink	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
decoder_raw	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	N/A	N/A	N/A
dict_int	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
dict_xsyn	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
earthdistance	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
fuzzystrmatch	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
hstore	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
hstore_plperl	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Exte	9.6.2	9.6.2	9.6.2	9.6.2	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.9	9.6.8	9.6.6	9.6.5	9.6.3	9.6.2	9.6.1
intagg	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
intarray	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
ip4r	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.1.1	2.0	2.0	2.0	2.0	2.0	2.0
isn	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
log_fdw	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N/A
ltree	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
orafce	3.15	3.15	3.15	3.8	3.8	3.8	3.8	3.6.1	3.6.1	3.6.1	3.6.1	3.6.1	3.6.1	3.6.1	3.6.1	3.6.1	N/A	N/A	N/A
pgAudit	1.1.2	1.1.2	1.1.2	1.1.2	1.1.2	1.1.1	1.1.1	1.1.1	1.1.1	1.1.1	1.1.1	1.1.1	1.1.1	1.1	1.1	1.1	1.1	N/A	N/A
pg_buffercache	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
pg_freespacemap	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	N/A
pg_hint_plan	1.2.7	1.2.7	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.5	1.2.5	1.2.5	1.2.5	1.2.3	1.2.3	1.2.3	1.2.2	1.2.2	1.1.3	1.1.3	N/A
pg_prewarm	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
pg_repack	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.3	1.4.2	1.4.2	1.4.1	1.4.0	N/A	N/A
pg_similarity	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pg_stat_statements	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
pg_trgm	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
pg_visibility	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
pgcrypto	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
pglogical	2.4.0	2.4.0	2.2.2	2.2.2	2.2.2	2.2.0	2.2.0	2.2.0	2.2.0	2.2.0	2.2.0	2.2.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pgrowlocks	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
pgrouting	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.4.2	2.3.2	N/A	N/A	N/A
pgstattuple	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
plcoffee	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	1.5.3	1.5.3	1.5.3	1.5.3
plls	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	1.5.3	1.5.3	1.5.3	1.5.3
plperl	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
plpgsql	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Exte	9.6.2	9.6.2	9.6.2	9.6.2	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.1	9.6.9	9.6.8	9.6.6	9.6.5	9.6.3	9.6.2	9.6.1
pltcl	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
plv8	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.2	2.1.0	1.5.3	1.5.3	1.5.3	1.5.3	1.5.3	
PostGIS	2.5.5, 2.3.7	2.5.5, 2.3.7	2.5.2	2.5.2	2.5.2	2.5.2	2.5.2	2.5.2	2.5.2	2.3.7	2.3.7	2.3.7	2.3.7	2.3.4	2.3.4	2.3.2	2.3.2	2.3.2	2.3.0	
postgis	2.5.5, 2.3.7	2.5.5, 2.3.7	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.2	2.3.2	2.3.2	2.3.0	
postgis	2.5.5, 2.3.7	2.5.5, 2.3.7	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.4	2.3.2	2.3.2	2.3.2	2.3.0	
postgres_fdw	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
postgres hll	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	2.10.2	N/A	N/A	N/A		
prefix	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	1.2.6	N/A	N/A	N/A	N/A	
sslinfo	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
tablefunc	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
test_decoding	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
test_parser	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
tsearch	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
tsm_system_rows	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
tsm_system_time	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
unaccent	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
uuid-ossp	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
wal2json	version 2.3	version 2.3	version 2.3	version 2.3	version 2.3	version 2.1	version 2.1	Commit hash 9e962ba	Commit hash 9e962ba	Commit hash 9e962ba	Commit hash 9e962ba	Commit hash 9e962ba	Commit hash 01ac5c1	Commit hash 5352c35	Commit hash 52c645a	Commit hash 6695ab2	Commit hash 28409	N/A	N/A	

Document history for the RDS for PostgreSQL release notes

The following table describes RDS for PostgreSQL releases.

Change	Description	Date
Amazon RDS for PostgreSQL version 14.4 (p. 46)	RDS for PostgreSQL now supports version 14.4	August 31, 2022
Amazon RDS for PostgreSQL versions 14.3, 13.7, 12.11, 11.16, and 10.21 (p. 46)	RDS for PostgreSQL now supports versions 14.3, 13.7, 12.11, 11.16, and 10.21.	August 3, 2022
Initial release (p. 46)	Initial release of the *RDS for PostgreSQL Release Notes*.	March 22, 2022

Earlier updates

The following table describes the important changes in each release of the *Amazon RDS for PostgreSQL Release Notes* before March 22, 2022.

Change	Description	Date changed
Amazon RDS for PostgreSQL versions 14.2, 13.6, 12.10, 11.15, and 10.20	RDS for PostgreSQL now supports versions 14.2, 13.6, 12.10, 11.15, and 10.20. Version 14.2 and 13.6 add support for two new foreign data wrappers. The `mysql_fdw` extension lets PostgreSQL work with data stored in MySQL, MariaDB, and Aurora MySQL databases. The `tds_fdw` extension lets PostgreSQL work with data stored in SQL Server databases. For more information, see Working with the supported foreign data wrappers for Amazon RDS for PostgreSQL.	March 12, 2022
Amazon RDS for PostgreSQL supports version 14.1	Amazon RDS for PostgreSQL now supports PostgreSQL version 14.1.	January 28, 2022
Amazon RDS for PostgreSQL versions 13.5, 12.9, 11.14, 10.19 and 9.6.24	RDS for PostgreSQL now supports versions 13.5, 12.9, 11.14, 10.19 and 9.6.24.	January 24, 2022
Amazon RDS for PostgreSQL versions 13.4, 12.8, 11.13, 10.18 and 9.6.23	RDS for PostgreSQL now supports versions 13.4, 12.8, 11.13, 10.18 and 9.6.23.	September 30, 2021
Amazon RDS for PostgreSQL versions	RDS for PostgreSQL now supports versions 13.3, 12.7, 11.12, 10.17, and 9.6.22.	July 7, 2021

Change	Description	Date changed
13.3, 12.7, 11.12, 10.17, and 9.6.22		
Amazon RDS for PostgreSQL versions 13.2, 12.6, 11.11, 10.16, 9.6.21, and 9.5.25	Amazon RDS for PostgreSQL now supports versions 13.2, 12.6, 11.11, 10.16, 9.6.21, and 9.5.25.	April 13, 2021
Amazon RDS for PostgreSQL version 13.1	Amazon RDS for PostgreSQL now supports version 13.1.	February 24, 2021
Amazon RDS for PostgreSQL versions 12.5, 11.10, 10.15, 9.6.20, and 9.5.24	Amazon RDS for PostgreSQL now supports versions 12.5, 11.10, 10.15, 9.6.20, and 9.5.24.	January 12, 2021
Amazon RDS for PostgreSQL 12.4, 11.9, 10.14, 9.6.19, and 9.5.23	Amazon RDS for PostgreSQL supports versions 12.4, 11.9, 10.14, 9.6.19, and 9.5.23.	September 24, 2020
Amazon RDS for PostgreSQL supports PostgreSQL 12.3	Amazon RDS for PostgreSQL supports version 12.3.	June 17, 2020
Amazon RDS for PostgreSQL versions 11.7, 10.12, 9.6.17, and 9.5.21	Amazon RDS for PostgreSQL supports versions 11.7, 10.12, 9.6.17, and 9.5.21.	April 28, 2020
Amazon RDS for PostgreSQL supports PostgreSQL 12.2	Amazon RDS for PostgreSQL supports version 12.2.	March, 31, 2020
Amazon RDS for PostgreSQL supports new versions	Amazon RDS for PostgreSQL supports versions 11.6, 10.11, 9.6.16, 9.5.20, and 9.4.25.	February 11, 2020
Amazon RDS for PostgreSQL versions 11.5, 10.10, 9.6.15, 9.5.19, and 9.4.24	Amazon RDS for PostgreSQL supports versions 11.5, 10.10, 9.6.15, 9.5.19, and 9.4.24.	October 8, 2019
Amazon RDS for PostgreSQL versions 11.4, 10.9, 9.6.14, 9.5.18, and 9.4.23	Amazon RDS for PostgreSQL supports minor versions 11.4, 10.9, 9.6.14, 9.5.18, and 9.4.23.	July 3, 2019
Amazon RDS for PostgreSQL versions 11.2, 10.7, 9.6.12, 9.5.16, and 9.4.21	Amazon RDS for PostgreSQL supports minor versions 11.2, 10.7, 9.6.12, 9.5.16, and 9.4.21.	May 1, 2019

Change	Description	Date changed
Amazon RDS for PostgreSQL supports new minor versions	Amazon RDS for PostgreSQL now supports the following new minor versions: 10.6, 9.6.11, 9.5.15, 9.4.20, and 9.3.25.	December 19, 2018
Amazon RDS for PostgreSQL supports new minor versions	Amazon RDS for PostgreSQL now supports the following new minor versions: 10.5, 9.6.10, 9.5.14, 9.4.19, and 9.3.24.	October 4, 2018
Amazon RDS for PostgreSQL supports new minor versions	Amazon RDS for PostgreSQL now supports the following new minor versions: 10.4, 9.6.9, 9.5.13, 9.4.18, and 9.3.23.	July 25, 2018
Support for PostgreSQL 10.1	Amazon RDS now supports version 10.1 of PostgreSQL.	February 27, 2018
Support for PostgreSQL 9.6.6	Amazon RDS PostgreSQL now supports version 9.6.6.	January 19, 2018
PostgreSQL 9.6.5, 9.5.9, 9.4.14, and 9.3.19	You can now create Amazon RDS DB instances running PostgreSQL versions 9.6.5, 9.5.9, 9.4.14, and 9.3.19.	November 1, 2017
New Feature	Amazon RDS now supports PostgreSQL versions 9.6.2, 9.5.6, 9.4.11, and 9.3.16.	May 3, 2017
New feature	Amazon RDS now supports PostgreSQL version 9.6.1.	November 11, 2016
New features	Added support for new PostgreSQL versions 9.5.4, 9.4.9, and 9.3.14. Also added support for PostgreSQL logical replication, PostgreSQL event triggers, and RAM disk for the PostgreSQL stats_temp_directory.	September 14, 2016
New feature	Added support for PostgreSQL versions 9.5.2, 9.4.7, and 9.3.12.	April 8, 2016
New feature	Updated to support three new extensions for PostgreSQL versions 9.3.10 and 9.4.5 DB instances.	December 1, 2015
New feature	Updated to support PostgreSQL versions 9.3.10 and 9.4.5 DB instances.	November 27, 2015
New feature	Updated to support PostgreSQL versions 9.4.4 and 9.3.9.	July 30, 2015
New feature	Updated to support PostgreSQL versions 9.3.6 and 9.4.1.	March 18, 2015