

PostgreSQL Supported Extensions

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Azure Database for PostgreSQL Supported Extensions

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Postgres 11 extensions

The following extensions are available in Azure Database for PostgreSQL servers which have Postgres version 11.

Extension	Extension version	Description
address_standardizer	2.5.1	Used to parse an address into constituent elements.
address_standardizer_data_us	2.5.1	Address Standardizer US dataset example
btree_gin	1.3	support for indexing common datatypes in GIN
btree_gist	1.5	support for indexing common datatypes in GIST
citext	1.5	data type for case-insensitive character strings
cube	1.4	data type for multidimensional cubes
dblink	1.2	connect to other PostgreSQL databases from within a database
dict_int	1.0	text search dictionary template for integers
earthdistance	1.1	calculate great-circle distances on the surface of the Earth
fuzzystrmatch	1.1	determine similarities and distance between strings
hstore	1.5	data type for storing sets of (key, value) pairs
hypopg	1.1.2	Hypothetical indexes for PostgreSQL
intarray	1.2	functions, operators, and index support for 1-D arrays of integers
isn	1.2	data types for international product numbering standards
ltree	1.1	data type for hierarchical tree-like structures
orafce	3.7	Functions and operators that emulate a subset of functions and packages from commercial RDBMS
pgaudit	1.3.1	provides auditing functionality
pgcrypto	1.3	cryptographic functions
pgrouting	2.6.2	pgRouting Extension
pgrowlocks	1.2	show row-level locking information
pgstattuple	1.5	show tuple-level statistics
pg_buffercache	1.3	examine the shared buffer cache
pg_partman	4.0.0	Extension to manage partitioned tables by time or ID
pg_prewarm	1.2	prewarm relation data
pg_stat_statements	1.6	track execution statistics of all SQL statements executed
pg_trgm	1.4	text similarity measurement and index searching based on trigrams
plpgsql	1.0	PL/pgSQL procedural language
plv8	2.3.11	PL/JavaScript (v8) trusted procedural language
postgis	2.5.1	PostGIS geometry, geography, and raster spatial types and functions
postgis_sfcgal	2.5.1	PostGIS SFCGAL functions
postgis_tiger_geocoder	2.5.1	PostGIS tiger geocoder and reverse geocoder
postgis_topology	2.5.1	PostGIS topology spatial types and functions
postgres_fdw	1.0	foreign-data wrapper for remote PostgreSQL servers
tablefunc	1.0	functions that manipulate whole tables, including crosstab
timescaledb	1.3.2	Enables scalable inserts and complex queries for time-series data
unaccent	1.1	text search dictionary that removes accents
uuid-ossdp	1.1	generate universally unique identifiers (UUIDs)

Postgres 10 extensions

The following extensions are available in Azure Database for PostgreSQL servers which have Postgres version 10.

Extension	Extension version	Description
address_standardizer	2.5.1	Used to parse an address into constituent elements.
address_standardizer_data_us	2.5.1	Address Standardizer US dataset example
btree_gin	1.3	support for indexing common datatypes in GIN
btree_gist	1.5	support for indexing common datatypes in GiST
chkpss	1.0	data type for auto-encrypted passwords
citext	1.4	data type for case-insensitive character strings
cube	1.2	data type for multidimensional cubes
dblink	1.2	connect to other PostgreSQL databases from within a database
dict_int	1.0	text search dictionary template for integers
earthdistance	1.1	calculate great-circle distances on the surface of the Earth
fuzzystrmatch	1.1	determine similarities and distance between strings
hstore	1.4	data type for storing sets of (key, value) pairs
hypopg	1.1.1	Hypothetical indexes for PostgreSQL
intarray	1.2	functions, operators, and index support for 1-D arrays of integers
isn	1.1	data types for international product numbering standards
ltree	1.1	data type for hierarchical tree-like structures
orafce	3.7	Functions and operators that emulate a subset of functions and packages from commercial RDBMS
pgaudit	1.2	provides auditing functionality
pgcrypto	1.3	cryptographic functions
pgrouting	2.5.2	pgRouting Extension
pgrowlocks	1.2	show row-level locking information
pgstattuple	1.5	show tuple-level statistics
pg_buffercache	1.3	examine the shared buffer cache
pg_partman	2.6.3	Extension to manage partitioned tables by time or ID
pg_prewarm	1.1	prewarm relation data
pg_stat_statements	1.6	track execution statistics of all SQL statements executed
pg_trgm	1.3	text similarity measurement and index searching based on trigrams
plpgsql	1.0	PL/pgSQL procedural language
plv8	2.1.0	PL/JavaScript (v8) trusted procedural language
postgis	2.4.3	PostGIS geometry, geography, and raster spatial types and functions
postgis_sfcgal	2.4.3	PostGIS SFCGAL functions
postgis_tiger_geocoder	2.4.3	PostGIS tiger geocoder and reverse geocoder
postgis_topology	2.4.3	PostGIS topology spatial types and functions
postgres_fdw	1.0	foreign-data wrapper for remote PostgreSQL servers
tablefunc	1.0	functions that manipulate whole tables, including crosstab
timescaledb	1.1.1	Enables scalable inserts and complex queries for time-series data
unaccent	1.1	text search dictionary that removes accents
uuid-oss	1.1	generate universally unique identifiers (UUIDs)

Postgres 9.6 extensions

The following extensions are available in Azure Database for PostgreSQL servers which have Postgres version 9.6.

Extension	Extension version	Description
address_standardizer	2.3.2	Used to parse an address into constituent elements.
address_standardizer_data_us	2.3.2	Address Standardizer US dataset example
btree_gin	1.0	support for indexing common datatypes in GIN
btree_gist	1.2	support for indexing common datatypes in GiST
chpasswd	1.0	data type for auto-encrypted passwords
citext	1.3	data type for case-insensitive character strings
cube	1.2	data type for multidimensional cubes
dblink	1.2	connect to other PostgreSQL databases from within a database
dict_int	1.0	text search dictionary template for integers
earthdistance	1.1	calculate great-circle distances on the surface of the Earth
fuzzystrmatch	1.1	determine similarities and distance between strings
hstore	1.4	data type for storing sets of (key, value) pairs
hypopg	1.1.1	Hypothetical indexes for PostgreSQL
intarray	1.2	functions, operators, and index support for 1-D arrays of integers
isn	1.1	data types for international product numbering standards
ltree	1.1	data type for hierarchical tree-like structures
orafce	3.7	Functions and operators that emulate a subset of functions and packages from commercial RDBMS
pgaudit	1.1.2	provides auditing functionality
pgcrypto	1.3	cryptographic functions
pgrouting	2.3.2	pgRouting Extension
pgrowlocks	1.2	show row-level locking information
pgstattuple	1.4	show tuple-level statistics
pg_buffercache	1.2	examine the shared buffer cache
pg_partman	2.6.3	Extension to manage partitioned tables by time or ID
pg_prewarm	1.1	prewarm relation data
pg_stat_statements	1.4	track execution statistics of all SQL statements executed
pg_trgm	1.3	text similarity measurement and index searching based on trigrams
plpgsql	1.0	PL/pgSQL procedural language
plv8	2.1.0	PL/JavaScript (v8) trusted procedural language
postgis	2.3.2	PostGIS geometry, geography, and raster spatial types and functions
postgis_sfcgal	2.3.2	PostGIS SFCGAL functions
postgis_tiger_geocoder	2.3.2	PostGIS tiger geocoder and reverse geocoder
postgis_topology	2.3.2	PostGIS topology spatial types and functions
postgres_fdw	1.0	foreign-data wrapper for remote PostgreSQL servers
tablefunc	1.0	functions that manipulate whole tables, including crosstab
timescaledb	1.1.1	Enables scalable inserts and complex queries for time-series data
unaccent	1.1	text search dictionary that removes accents
uuid-oss	1.1	generate universally unique identifiers (UUIDs)

Postgres 9.5 extensions

The following extensions are available in Azure Database for PostgreSQL servers which have Postgres version 9.5.

Extension	Extension version	Description
address_standardizer	2.3.0	Used to parse an address into constituent elements.
address_standardizer_data_us	2.3.0	Address Standardizer US dataset example
btree_gin	1.0	support for indexing common datatypes in GIN
btree_gist	1.1	support for indexing common datatypes in GiST
chkpss	1.0	data type for auto-encrypted passwords
citext	1.1	data type for case-insensitive character strings
cube	1.0	data type for multidimensional cubes
dblink	1.1	connect to other PostgreSQL databases from within a database
dict_int	1.0	text search dictionary template for integers
earthdistance	1.0	calculate great-circle distances on the surface of the Earth
fuzzystrmatch	1.0	determine similarities and distance between strings
hstore	1.3	data type for storing sets of (key, value) pairs
hypopg	1.1.1	Hypothetical indexes for PostgreSQL
intarray	1.0	functions, operators, and index support for 1-D arrays of integers
isn	1.0	data types for international product numbering standards
ltree	1.0	data type for hierarchical tree-like structures
orafce	3.7	Functions and operators that emulate a subset of functions and packages from commercial RDBMS
pgaudit	1.0.7	provides auditing functionality
pgcrypto	1.2	cryptographic functions
pgrouting	2.3.0	pgRouting Extension
pgrowlocks	1.1	show row-level locking information
pgstattuple	1.3	show tuple-level statistics
pg_buffercache	1.1	examine the shared buffer cache
pg_partman	2.6.3	Extension to manage partitioned tables by time or ID
pg_prewarm	1.0	prewarm relation data
pg_stat_statements	1.3	track execution statistics of all SQL statements executed
pg_trgm	1.1	text similarity measurement and index searching based on trigrams
plpgsql	1.0	PL/pgSQL procedural language
postgis	2.3.0	PostGIS geometry, geography, and raster spatial types and functions
postgis_sfcgal	2.3.0	PostGIS SFCGAL functions
postgis_tiger_geocoder	2.3.0	PostGIS tiger geocoder and reverse geocoder
postgis_topology	2.3.0	PostGIS topology spatial types and functions
postgres_fdw	1.0	foreign-data wrapper for remote PostgreSQL servers
tablefunc	1.0	functions that manipulate whole tables, including crosstab
unaccent	1.0	text search dictionary that removes accents
uuid-ossp	1.0	generate universally unique identifiers (UUIDs)

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