

[Docs \(index.html\)](#) »

[postgresql_db - Add or remove PostgreSQL databases from a remote host.\(\)](#)

postgresql_db - Add or remove PostgreSQL databases from a remote host.

- [Synopsis](#)
- [Requirements \(on host that executes module\)](#)
- [Options](#)
- [Examples](#)
- [Notes](#)
 - [Status](#)

Synopsis

- Add or remove PostgreSQL databases from a remote host.

Requirements (on host that executes module)

- psycopg2

Options

parameter	required	default	choices	comments
encoding	no			Encoding of the database
lc_collate	no			Collation order (LC_COLLATE) to use in the database. Must match collation order of template database unless <code>template0</code> is used as template.
lc_ctype	no			Character classification (LC_CTYPE) to use in the database (e.g. lower, upper, ...) Must match LC_CTYPE of template database unless <code>template0</code> is used as template.
login_host	no			Host running the database

login_password	no			The password used to authenticate with
login_unix_socket	no			Path to a Unix domain socket for local connections
login_user	no	postgres		The username used to authenticate with
name	yes			name of the database to add or remove
owner	no			Name of the role to set as owner of the database
port	no	5432		Database port to connect to.
ssl_mode (added in 2.3)	no	prefer	<ul style="list-style-type: none"> • disable • allow • prefer • require • verify-ca • verify-full 	Determines whether or with what priority a secure SSL TCP/IP connection will be negotiated with the server. See https://www.postgresql.org/docs/current/static/libpq-ssl.html for more information on the modes. Default of <code>prefer</code> matches libpq default.
ssl_rootcert (added in 2.3)	no			Specifies the name of a file containing SSL certificate authority (CA) certificate(s). If the file exists, the server's certificate will be verified to be signed by one of these authorities.
state	no	present	<ul style="list-style-type: none"> • present • absent • dump • restore 	The database state. present implies that the database should be created if necessary. absent implies that the database should be removed if present. dump requires a target definition to which the database will be backed up. (Added in 2.4) restore also requires a target definition from which the database will be restored. (Added in 2.4) The format of the backup will be detected based on the target name. Supported compression formats for dump and restore are: .bz2, .gz, and .xz Supported formats for dump and restore are: .sql and .tar

target (added in 2.4)	no			File to back up or restore from. Used when state is "dump" or "restore"
target_opts (added in 2.4)	no			Further arguments for pg_dump or pg_restore. Used when state is "dump" or "restore"
template	no			Template used to create the database

Examples

```
# Create a new database with name "acme"
- postgresql_db:
    name: acme

# Create a new database with name "acme" and specific encoding and locale
# settings. If a template different from "template0" is specified, encoding
# and locale settings must match those of the template.
- postgresql_db:
    name: acme
    encoding: UTF-8
    lc_collate: de_DE.UTF-8
    lc_ctype: de_DE.UTF-8
    template: template0

# Dump an existing database to a file
- postgresql_db:
    name: acme
    state: dump
    target: /tmp/acme.sql

# Dump an existing database to a file (with compression)
- postgresql_db:
    name: acme
    state: dump
    target: /tmp/acme.sql.gz

# Dump a single schema for an existing database
- postgresql_db:
    name: acme
    state: dump
    target: /tmp/acme.sql
    target_opts: "-n public"
```

Notes

Note

- The default authentication assumes that you are either logging in as or sudo'ing to the `postgres` account on the host.

28-02-2018 11:36

Search this site

- postgresql_db - Add or remove PostgreSQL dat... <http://docs.ansible.com/ansible/latest/postgre...>
- This module uses *psycopg2*, a Python PostgreSQL database adapter. You must ensure that *psycopg2* is installed on the host before using this module. If the remote host is the PostgreSQL server (which is the default case), then PostgreSQL must also be installed on the remote host. For Ubuntu-based systems, install the `postgresql`, `libpq-dev`, and `python-psycopg2` packages on the remote host before using this module.
 - The `ssl_rootcert` parameter requires at least Postgres version 8.4 and *psycopg2* version 2.4.3.

Status

This module is flagged as **stableinterface** which means that the maintainers for this module guarantee that no backward incompatible interface changes will be made.

For help in developing on modules, should you be so inclined, please read [Community Information & Contributing \(community.html\)](#), [Testing Ansible \(dev_guide/testing.html\)](#) and [Developing Modules \(dev_guide/developing_modules.html\)](#).

 [Previous \(portinstall_module.html\)](#)

[Next !\[\]\(23d9fc146e83b5c3013cfa32c784f8d5_img.jpg\)](#) [\(postgresql_ext_module.html\)](#)

Copyright © 2017 Red Hat, Inc.

Last updated on Oct 10, 2017.

Ansible docs are generated from [GitHub sources \(https://github.com/ansible/ansible\)](https://github.com/ansible/ansible) using [Sphinx \(http://sphinx-doc.org/\)](http://sphinx-doc.org/) using a theme provided by [Read the Docs \(http://readthedocs.org\)](http://readthedocs.org). Module documentation is not edited directly, but is generated from the source code for the modules. To submit an update to module docs, edit the 'DOCUMENTATION' metadata in the [modules directory \(https://github.com/ansible/ansible/tree/devel/lib/ansible/modules\)](https://github.com/ansible/ansible/tree/devel/lib/ansible/modules) of the [core source code repository \(https://github.com/ansible/ansible/\)](https://github.com/ansible/ansible/).