

PostgreSQL SSL Setup Commands with Descriptions

1. `su - postgres`

Description: Switch to the postgres user.

2. `make clean`

Description: Clean up any previous build artifacts.

3. `./configure --prefix=/usr/lib/pgsql-15.6 --with-ldap --with-libxml --with-libxslt --with-openssl --with-uuid=e2fs`

Description: Configure PostgreSQL with specified options for LDAP, XML support, SSL, and UUID libraries.

4. `make && make install`

Description: Compile and install PostgreSQL.

5. `cd contrib/`

Description: Navigate to the contrib directory for PostgreSQL extensions.

6. `make && make install`

Description: Compile and install PostgreSQL contrib extensions.

7. `git clone https://github.com/pgpartman/pg_partman.git`

Description: Clone pg_partman extension repository.

8.

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git clone https://github.com/citusdata/pg_cron.git
```

Description: Clone pg_cron extension repository.

9. `chown postgres:postgres /postgres -R`

Description: Set postgres as the owner of the /postgres directory recursively.

10. `mkdir ssl`

Description: Create a directory for SSL files in the data directory.

11. `cp -pvr ssl-cert-snakeoil.pem /mnt/data/ssl/`

Description: Copy SSL certificate to the new SSL directory.

12. `cp -pvr ssl-cert-snakeoil.key /data/ssl/`

Description: Copy SSL key to the new SSL directory.

13. `chown postgres:postgres ssl -R`

Description: Set postgres as the owner of the SSL directory recursively.

14. `chmod 750 ssl`

Description: Set appropriate permissions for the SSL directory.

15. `chmod 0600 *`

Description: Set restrictive permissions for SSL files.

16. `vi postgresql.base.conf`

Description: Open PostgreSQL configuration file for editing.

17. `systemctl status patroni.service`

Description: Check the status of the Patroni service.

18. `systemctl stop patroni.service`

Description: Stop the Patroni service.

19. `systemctl start patroni.service`

Description: Start the Patroni service after changes.