

POSTGRESQL

Installing PostgreSQL

Peer authentication

Disable remote connections

Tunnel PostgreSQL through SSH

Set up SSL with PostgreSQL

Secure against automated attacks

* Master-slave replication *

Backup, restore and migrate PostgreSQL [Barman]

Set up a two node LEPP (Linux, Nginx, PHP, PostgreSQL)

Review access privileges

Data encryption

Authentication models

References:

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-postgresql-on-ubuntu-14-04>

<https://www.digitalocean.com/community/tutorials/how-to-secure-postgresql-on-an-ubuntu-vps>

<https://www.postgresql.org/docs/9.5/static/ssl-tcp.html>

<https://www.postgresql.org/docs/9.5/static/ssh-tunnels.html>

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-postgresql-on-ubuntu-14-04>

<https://www.digitalocean.com/community/tutorials/how-to-secure-postgresql-against-automated-attacks>

<https://www.digitalocean.com/community/tutorials/how-to-set-up-master-slave-replication-on-postgresql-on-an-ubuntu-12-04-vps>

<https://www.digitalocean.com/community/tutorials/how-to-back-up-restore-and-migrate-postgresql-databases-with-barman-on-centos-7>

<https://www.digitalocean.com/community/tutorials/how-to-set-up-a-two-node-lepp-stack-on-centos-7>

<https://www.upguard.com/articles/10-ways-to-bolster-postgresql-security>

<https://www.depesz.com/2007/08/18/securing-your-postgresql-database/>

* <https://www.howtoforge.com/secure-postgresql-using-two-factor-authentication-from-wikid> *

<https://www.ibm.com/developerworks/library/os-postgresecurity/>

https://www.owasp.org/index.php/OWASP_Backend_Security_Project_PostgreSQL_Hardening