

Vinod Kumar Bodlapati

POSTGRESQL DBA

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PROFESSIONAL SYNOPSIS

- ❖ Having 4 years of experience on database technologies like POSTGRESQL & ORACLE Database.
- ❖ Good knowledge on PostgreSQL Architecture.
- ❖ Experience in Installation, configuration of Postgres 9.6/10/11/12 databases.
- ❖ Performing minor and major level upgrades using minimal down by prior testing in test boxes with accurate time notifications.
- ❖ Managing the PostgreSQL's and pg_hba.conf configuration and WAL log files.
- ❖ Database Roles and Privileges. PostgreSQL manages database access permissions using the concept of roles.
- ❖ Backup & Restore activities.
- ❖ Performing backups using SQL dump utilities pg_dump and pg_basebackup utilities.
- ❖ Experience on Restore/Recover of cluster databases.
- ❖ Experience in standalone & Standby Database Administration.
- ❖ Experience on upgrade of postgres databases.
- ❖ Experience in setting up and managing physical standby using Hot Standby and Streaming replication.
- ❖ Perform health check of databases.
- ❖ Involved in performance tuning.
- ❖ Daily log analysis using pgbadger tool and query tuning.
- ❖ Maintaining custom vacuum strategies at table and DB level, tuning auto vacuum parameters to ensure up to date table stats and reclaim space consumed by dead tuples.
- ❖ Monitoring the DB growth for every month in DWH databases and planning to implement the table partitioning for better performance.
- ❖ Monitoring the bloat report on every table and performing maintenance with minimal downtime.
- ❖ Monitor the locks and releases the locked objects

EDUCATIONAL QUALIFICATION

- ❖ Master of Business Administration in Finance, CMR Institute of Technology, Hyderabad
- ❖ Bachelor of Computers Applications, Kavita Memorial Degree & PG College, Khammam, India

EXPERIENCE SUMMARY

- ❖ Working as a Database Administrator in, HSBC Software Development India Pvt. Ltd, Hyderabad from March 2018 to till date.

SKILLS SUMMARY

Operating System	:	Windows, Linux – RHEL 6/CentOS-7
Language	:	Pg/plsql
RDBMS	:	Postgres 9.6/10.x/11/12, Oracle11g/12c
Utilities	:	pg_dump, pg_restore, pg_dumpall, psql and pg_ctl

PROJECTS PROFILE

PROJECT #1

Project name	:	Rackspace
Role	:	PostgreSQL DBA
Environment	:	Postgres 9.6/10.x RHEL 5.6.
Operating system	:	Linux – RHEL 6/CentOS-7

Project Responsibilities & Contribution:

- ❖ Creation of databases and configuration of rules in pg_hba.conf file.
- ❖ Creation of users and assigning roles & permissions to the users.
- ❖ Performed Database Cloning and refresh on to Test environment using pg_dump and cold backup methods.
- ❖ Regularly Monitoring Alert log.
- ❖ Monitoring and maintaining DB's for their Optimal Performance and ensuring 100% availability of the DB's.
- ❖ Analyze the logs daily and fix any postgres issues reported in the logs
- ❖ Performing backups using SQL dump utilities (pg_dump) and pg_basebackup utilities.
- ❖ Experience in taking regular Backups.
- ❖ Knowledge on Restore/Recover of cluster databases.
- ❖ Experience in Standby Database Administration.
- ❖ Experience on upgrade of postgres databases.
- ❖ Experience in setting up and managing physical standby using Warm Hot Standby and Streaming replication.
- ❖ Experience to configure pgbadger and pgbouncer.
- ❖ Working on EDB Postgres databases and work experience on migration from oracle to postgres using EDB-MTK.
- ❖ Good experience on PEM (postgres enterprise manager).
- ❖ Experience on configure agents and deploy databases into PEM.
- ❖ Good experience on RDS Postgres.

PROJECT #2

Project name	: Punjab MetLife Insurance
Role	: PostgreSQL DBA
Environment	: Postgres 9.6/10.x/11/12 RHEL 6 and CentOS 7.
Operating system	: Windows, RHEL 6 and CentOS 7.

Project Responsibilities & Contribution:

- ❖ Installed, configured and maintained PostgreSQL 9.6 and 10.x.
- ❖ Performing logical backups using pg_dump,pg_dumpall and pg_restore utilities and restore specific objects and schemas.
- ❖ Backup and Recovery using hot backup method and pg_dump/pg_restore utilities.
- ❖ Creation of databases and configuration of rules in pg_hba.conf file.
- ❖ Creation of users and assigning roles & permissions to the users.
- ❖ Performed Database Cloning and refresh on to Test environment using pg_dump and cold backup methods.
- ❖ Regularly Monitoring Alert log.
- ❖ Monitoring and maintaining DB's for their Optimal Performance and ensuring 100% availability of the DB's.
- ❖ Performed Index Rebuilding to enhance the performance.
- ❖ Experience in taking regular logical Backups & Configured DR site.