

Oracle/Postgresql Database Administrator Oracle/Postgresql Database Administrator

Oracle/Postgresql Database Administrator - COX Automotive Bowie, MD Authorized to work in the US for any employer Work Experience Oracle/Postgresql Database Administrator COX Automotive - Atlanta, GA June 2016 to Present Served in a 24/7 on-call support position for all prod, QA, and dev environments Installed and created 11g databases for testing and development in IBM-AIX, Linux, and Decision Support System Data Warehousing environments Utilized SAN level storage mirroring to perform data refreshes on large production data warehouse environments Used implemented range, list, hash, and sub partitions to develop partitioning strategies for large tables and create and schedule refreshes for materialized views Provided high speed parallel bulk and meta data movement of database contents through skillful use of Datapump Reorganized databases, tables, and schemas to improve performance and aid in capacity planning Administered and troubleshot 3 node clusters on 10g/11gR2 and configured Grid Infrastructure SCAN listeners Performed cluster-wide resource management, creating resource plans, service configuration, parallel instance groups, and application isolation Managed all ASM functions including storage, cloning, preparing/adding/and removing disks, tuning I/O, and troubleshooting crashes and memory problems Aided in logical and physical data modeling and designed logical and physical database structure Created user accounts, roles, privileges, administrative tasks and schema deployments Ensured high availability, data protection, and disaster recovery through extensive use of Dataguard and physical and logical standby databases Utilized ADDM and SQL Tuning Advisor in 10g, 11g, and 12c to improve database performance by tuning SQL and instance parameters Quickly resolved client connectivity issues by using TCP/IP protocol configured SQL*Net files on server and client machines Assisted with setting up physical standby Dataguard environment for prod and non-prod databases Efficiently monitored application and database security along with user accounts and passwords Extensively used Hints, Indexes, and Explain Plan to improve performance Recovered data files from logical and physical block corruptions Used Dataguard for 11.2.0.3 and 10.2.0.5 RAC databases to install and maintain physical standby databases Utilized Tuning Pack, Diagnostics Pack, Statspack, SQL*TRACE, TKPROF, and

Explain Plan to implement proactive monitoring strategies Applied all needed security patches including patch set, critical patch updates (CPU), patch set updates (PSU), and one-off patches

Configured Golden Gate for continuous, real-time capture, routing, transformation and delivery of transactional data across heterogeneous platforms. Migrated RDMS Databases to AWS

PostgreSQL Database Administrator Exposure to cross platform migrations preferably oracle to PostgreSQL. Documented and assisted as an oracle dba data migration from oracle databases to PostgreSQL database in AWS cloud. Installed/configured PostgreSQL (9.5, 9.6. and recently worked with PostgreSQL VERSIONS 10). Tuned autovacuum parameters to ensure up to date table stats and reclaim space consumed by dead tuples Proactively managed standby replication and hot standby for disaster recovery. Managed and monitored these databases using PgAdmin, psql tools. Used pg_Hero for Performance TUNING mostly, SQL Tuning using EXPLAIN ANALYZE and PG_STAT_ACTIVITY. Created roles, granting privileges, creating tables, use of indexes, and primary & foreign key constraints as required. Performed maintenance activities like vacuum, vacuum full, analyze; Checking the auto vacuum jobs, customized vacuum on certain tables and columns. Used Pg_Bouncer for connection pooling, pg_Badger for generating statistic reports.

Experienced in tuning PostgreSQL database settings & Troubleshooting performance issues, Managing Users and Tablespace on PostgreSQL Servers. Used Customized scripts, to monitor database growth, TABLE growth, automated backups using cronjobs. Hands on experience on restoration techniques on PostgreSQL like pg_restore and (PITR) Point in Time Recovery.

Familiar backups (pg_basebackup, pg_backrest, pg_dump,) and restore, compressed (gzip) backups, database or schema refreshes. Configured a replication between Master and Slave Servers and monitoring on-going replication. Upgrading database version using pg_dump/pg_restore and pg_upgrade tools and updating the latest security patches to database, which are provided by PostgreSQL open source community.

Oracle Database Administrator

Barclays - Dallas, TX February 2013 to May 2016 Provided prompt 24/7 support for all production and development databases Utilized RMAN and traditional Datapump export/import to clone and migrate databases Used RMAN to successfully recover database data during database crashes

and media and disk failures as well as create and implement recovery strategies Extensively used Crontab to schedule and monitor hot and cold physical backups Created all users, groups, roles, profiles, and privileges for relevant groups Optimized and tuned SQL queries using SQL*TRACE, TKPROF, and Explain Plan Applied all needed security patches including patch set, critical patch updates (CPU), patch set updates (PSU), and one-off patches Skillfully used RMAN and Datapump conventional import/export to implement database, schema, and table level data refreshes Installed and configured 10.2.0.1 database on HP-UX environment, and upgraded from 11g to non-CDB 12c Successfully migrated from 11g to 11gR2 RAC and from 12c non-CDB to pluggable databases Implemented tablespace level TDE security successfully and created Oracle Wallets Reviewed alert log and trace files to constantly monitor database performance (V\$ dynamic performance views at peak load) Checked database health status including table size growth, extent allocation, free and used space, and fragmentation by creating and running scripts Managed space maintenance, capacity planning, disaster recovery, and database overall maintenance Ensured zero downtime during physical standby database creation by using RMAN, performing failover and switchover manually and Dataguard Broker Resolved SRS efficiently through use of Oracle Support Configured Golden Gate for real time replication of data Created standard process documentation for peers to follow and utilize Over one year knowledge and skill migrating from oracle to postgresSQL databases as well as monitoring and tuning them, especially on DEV and TEST environment. Education Bachelor's Skills Oracle/Postgresql Db

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