

Professional Summary

An accomplished Database Administrator (DBA) with over 7+ years of experience working on 11g/12c/19c databases. I am vastly experienced in Oracle software installations, database normalization (design) and creation ( standalone and containers), database administration and maintenance, database tuning, RMAN backup and recovery, Automatic Storage Management (ASM), Real Application Cluster (RAC), Data Guard (Physical), Patching and Upgrade (OPatch/OPatchAuto), Security Management and Performance Tuning on UNIX/LINUX, and Windows operating systems. Seeking a position in dynamic and technologically diverse environment.

Skills

- RDBMS: PostgreSQL 9.5.x to 11.x, Oracle 11g, 12c, 19c
- Languages: Bash Shell scripting, SQL, PL/PGSQL
- Performance Tuning & Capacity Monitoring
- Standby/Failover Administration
- Data Security, Backup & Recovery
- High Availability Installation/Administration
- Migration and Upgrades

Work History

Database Administrator, 01/2020 to Current

Foot Locker – Metairie, LA

RESPONSIBILITIES

- Monitoring DB growth every month in DWH databases and planning to implement table partitioning for better performance.
- Monitoring bloat reports on every table and performing maintenance with minimal downtime.
- Performing minor and major level upgrades using minimal down by prior testing in test boxes with accurate time notifications.
- Data migration while upgrading database versions.
- Removing Index bloat Concurrently to improve performance.

ORACLE / POSTGRESQL DBA, 11/2015 to 12/2019

Gemphire Therapeutics Inc. – City, STATE

ORACLE RESPONSIBILITIES:

- Experienced in Oracle DB 3-Tier architecture and Oracle Database System Development Life Cycle (SDLC) planning.
- Performed Installation, Configuration, Upgrade, Patching of Oracle RDBMS and applications work on different versions of databases with OEM Cloud Control to maintain database effectively.
- Monitored production databases using Oracle Enterprise Manager (OEM) and provided maximum uptime.
- Routinely did Performance Tuning of queries by maintaining aggregates, compressions, partitions, indexing, use of Hints, Stored outlines, and statistics gathering.
- Proficient in PL/SQL, SQL and UNIX Shell Scripting. Implement UNIX Scripts using CRONJOB for daily activities and Windows Task Scheduler.
- Executed PL/SQL and SQL tuning of Oracle contention and monitor production database using Automatic Workload Repository (AWR), Automatic Session History (ASH) and Automatic Database Diagnostic Monitor (ADDM).
- SQL tuning and Database Performance Tuning done based on reports generated by SQL Trace, TKPROF, Explain Plan, AWR, ADDM and monitored database performance on daily basis.
- Extensively implemented Data Pump, conventional Export/Import (Oracle 11g, 12c) for migration and logical backup of database.
- Applied Patch set, Critical Patch Updates (CPU) and Patch Set Updates (PSU). One-off Patches using OPatchAuto and runInstaller.
- Intermittently carried out RMAN Backups, Hot Backups and Logical Backups of the containerdB.
- Ocassionally tested proof of concept to switchover to standby database and switchback to production database using DG Broker utility.

POSTGRESQL RESPONSIBILITIES:

- Developed project plans for implementing database environments. Provided input to technical projects and oversaw tactical aspects of all database related tasks.
  - Designed and implemented administration of PostgreSQL databases to ensure accurate, and effective use of data, including database definition, structure, capacity planing, and documentation.
  - Evaluated database design and integration of systems, and made recommendations regarding enhancements or improvements.
  - Responsible for configuring, integrating, and maintaining all Development, QA, Staging and Production PostgreSQL databases.
  - Installed and monitored PostgreSQL databases using standard monitoring tools like Nagios and PgAdmin.
  - Installed and configured HA connection pooling tools like Pgouncer and pgpool with HAProxy.
  - Installed, configured, tested, monitored, upgraded, and tuned new and existing PostgreSQL databases.
  - Automated Postgres deployments on AWS EC2 with Terraform and Ansible.
  - Supported daily administration, monitoring, tuning, and troubleshooting of clusters on Linux and AWS Console (Database sizes range from 100GB to 2TB).
  - Proactive in updating latest security patches to database, which are provided by PostgreSQL Global Development Group (PGDG).
  - Set up and maintained security and integrity controls through creation of roles and granting them privileges.
  - Executed quality control audits to ensure accuracy, completeness, and proper usage of data in tables and various support tools, such as database dictionaries.
  - Provided appropriate interfacing, consulting, and standards associated to database management, and monitored transaction activity and utilization.
  - Diagnosed, resolved and implemented preventive measures to guarantee availability, performance and recovery of all supported database environments.
  - Configured log analysis tools like pghero and pgbadger.
  - Daily log analysis using pgbadger tool and query tuning.
  - Tuned auto-vacuum parameters to ensure current table stats and reclaim space consumed by dead tuples.
  - Maintained custom vacuum strategies at table and db level.
  - Scheduled maintenance activities to vacuum, analyze to improve query response time.
  - Ability to proactively identify, troubleshoot and resolve live database systems issues.
  - Experienced in code migration, database change management through various stages of development life cycle.
  - Contributed to decreasing need for downtime by developing and improving procedures for automated monitoring and proactive intervention.
  - Studied and stayed current on features and functionality of PostgreSQL.
  - Knowledge of disaster recovery principles and practices, including planning, testing, backup/restore
  - Hands-on experience on database administration, backup recovery and troubleshooting.
  - Responsible for all backups, recovery, and upgrading of all PostgreSQL databases.
  - Performed weekly Point-in-time recovery (PITR) of development environment for proper failure testing.
  - Implemented and monitored replication for high availability and disaster recovery scenarios.
  - Proactively managed standby replication procedures like Streaming replication and hot standby for disaster recovery.
  - Provided responses for all database issues on 24 x 7 schedule responding to critical events and situations outside normal work hours.
  - Ability to thrive in fast-paced, deadline-sensitive environment.
  - Participated in daily stand ups to discuss about new database design, modeling and creation.
- Experienced with MTK for migrating databases from Oracle to PostgreSQL.

Education

Bachelor of Science: Business Administration, 05/2015

Wayne State University - Detroit, MI

Associate of Arts: General Studies, 04/2010

Macomb Community College - Warren, MI

Certifications

Oracle 12C SQL Fundamentals