**RAJVEER SINGH**

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Oracle Database Administrator

**Oracle Database Administrator**

**Indianapolis, IN**

◦ I have over 6 years of in-depth experience as an Oracle Database administrator. Extensively worked on Installing and configuring Oracle 12c, 11gR2 and 10g. Worked on patch Installation, database Migration, Performance tuning and Upgrades, Backup and Recovery, Cloning, Replication and Security Management. Worked on AIX, Linux, UNIX and Windows environments. Experienced in configuring and managing Oracle Real Application Cluster (RAC) 10g/11g, Data Guard and Golden Gate for Oracle High Availability. Experienced in multi-tenant architecture.  
Have the ability to work both as an individual contributor and as a member of a team.

Authorized to work in United States for any employer

Work Experience

**Oracle Database Administrator**

Allison Transmission Inc - Indianapolis, IN

February 2018 to April 2018

Worked as a team member for 24x7 support with on call rotation in all Prod, QA and Dev environments.  
◦ I have also successfully upgraded from 11g (11.2.0.3) to 12c (12.1.0.1) using DBUA.  
◦ SQL tuning and Database performance tuning has been done based on reports generated by SQL Trace, TKPROF, STATSPACK, Explain Plan, AWR, ADDM and monitor the database performance on daily basis.  
◦ Planning Backup/Restoration Strategy, Planning and scheduling Backups, taking Logical Backups (with Export and Data pump utilities).  
◦ Monitoring growth of tables and undertaking necessary re-organization of database, capacity planning.  
◦ Performed Data file recovery from logical and physical block corruptions  
◦ Successful in installation/maintenance of Physical Standby database using Oracle Data Guard for Oracle 11.2.0.3.  
◦ Writing and modifying UNIX Shell Scripts to manage Oracle environments for Backend Processes.  
◦ Carried out both server and database mappings.  
◦ Good documentation (especially per client's taste)  
◦ Installation of Oracle on VMWARE.  
◦ Implemented switchovers on primary and standby databases as a part of planned maintenance activities.

**Oracle Database Administrator**

Zoetis Inc - Florham Park, NJ

September 2015 to December 2017

Worked as a team member for 24x7 support with on call rotation in all prod, QA and dev environments.  
◦ Successfully upgraded Oracle 10g (10.2.0.4) to Oracle 11g (11.1.0.6) and Oracle 11g (11.1.0.6) to Oracle 11g (11.2.0.3) on Red hat Linux 6, IBM-AIX.  
◦ I have also successfully upgraded from 11g (11.2.0.3) to 12c (12.1.0.1) using DBUA.  
◦ Debugged SQL\*PLUS & PL/SQL scripts for extraction, Transporting & Transforming (ETL) data from Production databases to Data Warehouse Databases.  
◦ SQL tuning and Database performance tuning has been done based on reports generated by SQL Trace, TKPROF, STATSPACK, Explain Plan, AWR, ADDM and monitor the database performance on daily basis.  
◦ Planning Backup/Restoration Strategy, Planning and scheduling Backups, taking Logical Backups (with Export and Data pump utilities).  
◦ Proficient in Oracle High Availability features like RAC, DATA GUARD, GRID CONTROL and Oracle Performance Tuning Utilities like ADDM, AWR, ASH, SQL-Tuning Advisor, EXPLAIN PLAN, TK PROF.  
◦ Performed Data file recovery from logical and physical block corruptions  
◦ Worked on shell, Korn, Bash scripting.  
◦ Good understanding and Implementation expertise in RAC, ASM, DataGuard like remedy change and user tickets, frequently communicate effectively with technical and non-technical customers.  
◦ Experience on Cluster management, event management, application management, connection management, storage management, load balancing and availability. Continuous monitoring of performance during peak and non-peak loads using AWR reports, ASH, ADDM and Optimization SQL code using SQL Trace, TK Prof, Explain plan.  
◦ Experience working with SQL, PL/SQL coding, stored procedures, functions, packages, triggers.  
◦ Experience in Transparent Data Encryption.  
◦ Partitioning strategies for very large tables. Implemented Range, List, Hash and various Sub Partitions, Create and schedule refresh for materialized views.  
◦ Work with Oracle Data Pump (expdp and impdp) which provides high speed, parallel, bulk data and metadata movement of Oracle database contents.  
◦ Management of schema objects, partitioning of tables & indexes and performing SQL\*Loader jobs for loading data from flat files (ETL) and Oracle Database monitoring, troubleshoot and resolve the issues.  
◦ Monitoring growth of tables and undertaking necessary re-organization of database, capacity planning.  
◦ Designed the logical and physical database structure and involved in Logical, Physical data modeling.  
◦ SQL tuning - AWR history of sql execution, index recommendations, SQL Tuning Advisor, SQL Access Advisor, Real Time SQL Monitoring, Interpret Execution plans, Re-write more efficient SQLs.  
◦ Data Refresh of large production data warehouse environment to setup test, development environments using SAN level storage mirroring: Gold image copy and cloning.  
◦ Performance tuning of Queries by maintaining Aggregates, Compression, partition, Indexing  
◦ Performance tuning and diagnosing DBMS and individual Production databases, organized various migration review meetings with the application team to discuss the migration strategy based on their requirements.  
◦ Performed policies on data confidentiality, integrity, availability, and auditability, based on Access controls for Access to Data at the database level.  
◦ Performed SQL and PL/SQL tuning oracle contention and monitored production database using Automatic Workload Repository (AWR), Automatic Database Diagnostic Monitor (ADDM) and Automatic Session History (ASH).  
◦ Provide support to developers to enhance their SQL, PL/SQL code and responsible for setting up of new user accounts, schema Deployments and related user administrative tasks.  
◦ Successful in installation/maintenance of Physical Standby database using Oracle Data Guard for Oracle 11.2.0.3 and Oracle 10.2.0.5 RAC databases.  
◦ Implemented proactive monitoring using Tuning Pack, Diagnostics Pack, and STATSPACK, SQL Trace & TKPROF, EXPLAIN PLAN.  
◦ Database monitoring/maintenance, replication process and performance tuning are done using OEM (Oracle Enterprise Manager).  
◦ Writing and modifying UNIX Shell Scripts to manage Oracle environments for Backend Processes.  
  
Environment: Oracle 11g/11g RAC, VMS, Sun Solaris, Windows Server 2003, Red Hat Linux, TOAD, RMAN, SQL server, OEM.

**Oracle Database Administrator**

TIAA - Charlotte, NC

July 2011 to August 2015

Installation, configuration and maintenance of Oracle 10g/11g Real Application Clusters (RAC).  
◦ Implement Grid based monitoring solution for large Databases and Installation of Cluster ware, configuring public, private and VIP.  
◦ Extensively worked in various areas of Data guard i.e. Installation, Recovery, RTA (Real Time Apply), Patching, Tuning, Switchover, Switchback and Failover.  
◦ Implemented and configured 11g grid control on RHEL.  
◦ Performed Logical backup of critical application databases using EXPDP/IMPDP with a scheduled jobs (Cron Job).  
◦ Responsible for creating RMAN catalog Database and Registering the Databases in Catalog Database and Cloned production RAC instances to development and QA systems using RMAN duplication.  
◦ Worked on shell, Korn and Bash Scripting.  
◦ Experience in using 11g features such as Data Pump, Flash Back Recovery, ASM, AWR, and ADDM.  
◦ Involved in Defragmenting data blocks of table spaces for optimized performance. Also partitioned large tables to increase performance. Evaluated Oracle 11gR2 Golden Gate for future purposes that is for reducing the complexity involved in Oracle Streams.  
◦ Configured Oracle Streams on Oracle 11g, 10g databases for data replication and monitored them using Grid Control.  
◦ Automated the Data Replication process using Materialized Views for reporting databases.  
◦ Used Oracle Enterprise Manager (OEM) 11g Grid Control for monitoring multiple database and notification of database alerts, and configured EM agents on multiple database servers.  
◦ Generated and automated Statspack/AWR reports from Oracle 11g/10g database and analyzed the reports for Oracle wait events, time consuming SQL queries, table space growth, and database growth.  
◦ Involved in SQL Query tuning and provided tuning recommendations to ERP jobs, time/CPU consuming queries.  
◦ Used Explain Plan, Oracle hints and creation of new indexes, identifying the join methods (Nested/Hash/Merge join/Sort merge join) between the row sources for tables, to improve the performance of SQL statements.  
◦ Addressed developers/testers requests to clone production databases for the purposes of testing using RMAN. Successful in installation/maintenance of Physical Standby database using Oracle Data Guard for Oracle 11.2.0.3 and Oracle 10.2.0.5 RAC databases.  
◦ Implemented switchovers on primary and standby databases as a part of planned maintenance activities.  
◦ Implementing Datapump, conventional export/import utility of Oracle 11g, 10g for re-organizing Databases/Schemas/Tables to improve the performance.  
◦ Used import/export utilities for cloning/migration of small sized databases and Datapump import/export to move data between 10g/11g environments.  
◦ Installed ASM environment and migrated databases from NON-ASM to ASM.  
◦ Used TOAD for database management.  
◦ Made optimal use of Oracle Support in resolving the SRs.  
◦ 24 X 7 Production & Development database support and administration.  
  
Environment: Oracle 11.1.0.7, 10.2.0.5, IBM AIX V6.1, RHEL 5.2, RAC, ASM, RMAN, AWR, ADDM, SQL\* Plus, SQL\*Loader, OEM, TOAD 10.0

Education

Bachelor's in LAW

The University of Buea

Skills

DATABASE (6 years), DATABASE ADMINISTRATOR (6 years), DATABASES (6 years), ORACLE (6 years), SQL (6 years)

Additional Information

Skills:  
◦ Proficient experience as an IT professional along with extensive experience as an Oracle DBA  
◦ Proficient in Oracle 12c, 11g R1, 11g R2  
◦ Experienced in Oracle installations, upgrades, migration, configuring logical/physical architecture, SQL, Tuning, database access and Security and auditing.  
◦ Oracle Database Administration experience in variety of different environments like HP-UX, SUN SOLARIS, AIX, RedHat Linux and Windows.  
◦ Experienced in 12c multi-tenant architecture.  
◦ Experienced in Installation of high availability RAC environment and upgraded standalone databases to RAC environment.  
◦ Experience in Real Application Clusters (RAC) setup, configuration and cluster interconnection with Automatic Storage Management (ASM), configured user log on load balancing and failover on RAC database for high availability.  
◦ Installed and Administered Oracle 11g ASM & 10g RAC software with ASM.  
◦ Strong experience in migrating database from Non-ASM to ASM and Non-RAC to RAC.  
◦ Administered Oracle ASM disk groups (mirroring, compatibility) with Oracle ASM Configuration Assistant (ASMCA).  
◦ Proficient with Database Cloning, Migration, and Patching of Oracle Databases.  
◦ Installed Oracle 11g with ASM.  
◦ Planned and implemented high availability solutions such as Real Application Cluster (RAC) in Oracle 11gR2 Grid and 10g on ASM and OCSF2 file systems.  
◦ Highly Experienced in Hot/Cold Backup and Recovery and Cloning of databases using RMAN.  
◦ Experienced in using 10g features like 10g RMAN, Data pump Flash-Back Recovery and ASM.  
◦ Knowledge of Database Recovery Techniques and implementation of those recovery techniques to ensure business continuity.  
◦ Expertise in maintaining Database Security using auditing.  
◦ Experience in Data Migrations.  
◦ Knowledge in Golden Gate installation & Configuration setups in both windows/Linux environments.  
◦ Experience in system Monitoring and Database Performance Tuning using Explain plan, SQL Trace, TKPROF, AWR and also Cluster Interconnect Tuning (RAC)  
◦ Provided valuable inputs for various performance tuning issues. Proficient in performance tuning using Explain Plan, TKPROF, AWR, ADDM.  
◦ Performance Tuning of the database (Memory Tuning, I/O Tuning)  
◦ Skilled in developing RMAN scripts for database back up including hot and cold backup options for both RAC and standalone instances.  
◦ Performed backups and crash recoveries using conventional hot/cold backups and RMAN  
◦ Extensive knowledge in Database Cloning using RMAN.  
◦ Monitoring and optimizing the performance of the database through Database Tuning - Tuning Applications, Tuning Instance, and Tuning Disk Usage.  
◦ Implemented Dataguard in the production environment.  
◦ Excellent experience in various migration techniques like export/import, Data pump, backup restore, cloning, and data guard.  
◦ Proficient in setting up Standby Database supported by ORACLE DATAGUARD for disaster recovery purpose.  
◦ Implementing FSFO (Fast start failover) on databases and configuring disaster recovery site using Dataguard. Also proficient with new 11g features such as Active Dataguard and Snapshot standby database.  
◦ Delivered SQL and Database performance tuning services via V$/GV$ views, Explain Plan, TKPROF, AWR reports, ADDM, SQL Tuning Advisor, SQL Access, Oracle Enterprise Manager (OEM), Grid control, analyzed SQL trace dump  
◦ Experienced in Data Encryption (TDE)  
◦ Experienced in performing Database related activities using GRID, Multitenant Architecture, OEM, Data Pump, SRVCTL, RMAN, SQL\*Loader, datapump, Export, Import, PL/SQL, SQL\*Plus, SVRMGR, SQL\*Net/Net8, Listner, AGENT Tuning using explain plan, SQL Trace, AWR, ADDM, SGA tuning, Statspack and tuning of initialization parameters.  
◦ Experience as 24x7 productions DBA as well the application (development) database administrator.  
◦ Experienced in working with very large 24x7 Oracle RAC 10g & 11g databases on ASM of nearly 80GB to 2TB.  
◦ Experience in database patching, cloning, upgrade, migration & maintaining standby db server (DR).  
◦ Experience with database backup, recovery, and setting up disaster recovery Database servers.  
◦ Experienced in writing and designing the SQL queries as well as have extensive knowledge of Relational Database Management Systems. (Normalization, De-normalization, Entity Relationship diagram, DFD etc)  
◦ Expertise in all the phases of Software Development Life Cycle (SDLC).  
◦ Experienced in working with DBVERIFY utility and other method to find Data Corruption.  
◦ Experienced in resource management like data files with ASM (Automatic Storage Management) (Trouble shooting, Add, Remove Files etc.), online redo log files, control files. Allocating logical storage structures like tablespace, schema and extents as well as configuring Oracle databases on Multi-Threaded Servers Implemented Hot/Cold physical backups (Incremental and full), cloning, duplicating of databases using RMAN.  
◦ Strong skills in applying security patches (Patch set, Critical Patch Updates (CPU) / Patch Set Updates (PSU), One-off Patch) using "runInstaller" and perl based utility "opatch".  
◦ Highly experienced in implementing Oracle's Transportable Tablespace (TTS) feature using Datapump Export/Import (Oracle 11g, 10g) allowing users to quickly move a user Tablespace across Oracle databases.  
◦ Worked on Data transferring with export/import utilities and Data pump.  
◦ Highly experienced in performance monitoring/tuning/troubleshooting.  
◦ Oracle Database performance-tuning services with EXPLAIN PLAN, TKPROF, SQL TRACE. Applying patches under UNIX platform.  
◦ UNIX Systems Administration - Database and application integration efforts. Heavy UNIX shell scripting, CRON jobs.  
  
Technical Skills:  
  
Tuning Tools: TKPROF, EXPLAIN PLAN, AWR, and ADDM  
  
Tools and Utilites: RMAN, OEM, SQL\*Loader, EXP, IMP, Data pump, TOAD, Oracle SQL Developer  
  
RDBMS: Oracle 10g, 11g, 12c  
  
Operating Systems: HP-UX 10.x, 11.x. Sun RHEL 2.1, 3.x, 4.x, 5.x.Linux Enterprise  
Oracle 12c: Multi-tenant architecture.