**Nishitha Vardhineni**

**PROFESSIONAL SUMMARY­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­**

Around 5 years of experience as an Oracle Database Administrator having hands on experience in database installation, administration, configuration, production support, upgrades, patches, performance tuning, backup and recovery, space management, database security, cloning, migration, shell scripting and documentation.

* Extensively used Database Administrative tools like Oracle Enterprise Manager, SQL\*PLUS, TOAD.
* Enforced Security Administration, system monitoring by adding and removing users, configuring quotas, auditing, and analyzing security problems.
* Wrote scripts to inform the DBA's regarding the status, performance and space management of the database.
* Expertise in migrating single instance databases to multimode 10g, 11g R1, R2 and 12c RAC environments for high availability and load balancing.
* Participated in planning and implementation of off-site Disaster-Recovery planning and testing.
* Worked with development and operations staff in resolving problems quickly and efficiently.
* Rich Experience in developing PL/SQL Stored Procedures, Functions, Packages, Database Triggers and other features like Cursors, Collections, Exception Handling
* Installed, configured and maintained Physical, Logical, Active standby databases supported by Data guard on Oracle 11g, 10g RAC servers for the purpose of disaster recovery procedures.
* Experienced in maintaining large Production, UAT, IST and DEV environments.
* Strong experience in Oracle DBA tasks like Installation, creation, maintenance, performance tuning, problem identification, resolution and migration in production and development environments.
* Expertise in installing, configuring and maintaining Standalone and RAC databases on various platforms.
* Proficiency using Flash-Back Recovery, Automatic Storage Manager (ASM) & Automatic Database Diagnostic Manager (ADDM).
* Tuned the database at various levels such as Application Tuning, Memory Tuning, SQL Tuning and Database Contention, I/O Tuning, Capacity planning by using TK prof, Explain Plan, SQL Trace, UTLSTAT, Stats Pack, AWR and ADDM.
* Developed database monitoring/health check alert scripts for database uptime/downtime status, and sizing issues using grid control (OEM).
* Performed manual recovery using archived logs, RMAN-managed backup with or without catalog, operating system backup, cold and hot backup, full backup, incremental and cumulative backups.
* Experience in Cloning the process of copying an existing Oracle installation to a different location and updating the copied bits to work in the new environment.

TECHNICAL SKILLS:

Operating Systems: UNIX, Linux, Solaris, HP UX, AIX, Red Hat 2.6.9, and Windows Nt/2000

Programming Languages: SQL, PL/SQL, UNIX scripting.

Tools: SQL\*Plus, EM, Grid Control, SQL\*Loader, RMAN, Tracing, AWR, Scheduler (CRON), Data Pump, Shell Scripting

PROFESSIONAL EXPERIENCE

**Project: Windstream Communications, Twinsburg, OH. Mar 2015 – Current**

**Role: Oracle DBA.**

**Environment:** Windows, RHEL, Oracle 11g, Oracle RAC (11g), Data Guard, Oracle Grid Control, RMAN, ASM, SQL Developer, TOAD, SQL\*Plus. 

**Responsibilities:**

* Installed, configured, and maintained Oracle 10g and 11gR2 12c on Linux and also Upgraded from Oracle 10g to 11g.
* Extensive Experience with RMAN Backups, Hot Backups and Logical Backups.
* Effectively made use of Indexes, Table Partitioning, Collections, Analytical functions, Materialized Views & Query Re-Write.
* Worked with database export & import scripts to backup database structures and automation procedures.
* Configured different levels of replication such as DDL replication, DML replication for table level, schema level, database level using Golden Gate.
* Query optimization, PL/SQL Performance Tuning using Oracle Cost based Optimization techniques, Explain Plan, Trace, Hints and Tkprof. SQL, PL/SQL and UNIX shell scripting.
* Expertise in PL/SQL, SQL and UNIX Shell Scripting (Implemented UNIX Scripts using CRONJOB for Day-to-Day activities and Windows Task Scheduler)
* Supported Security User Management, Privileges, Roles, Auditing, Profiling, Authentication
* Monitored and performed database sizing, tablespace management and rollback tablespace management, transaction management and security administration
* Database monitoring and performance tuning using OEM (Oracle Enterprise Manager)
* Index creation and management for optimization of DB Processes
* Extensively worked on setting up auditing in many databases we supported
* Managing Database Structure, Storage Allocation, Table/Index segments, Rollback Segments, Undo Segments, and Constraints.
* Cloned database for test and development using RMAN, IMP/EXP, and data pump utilities.
* Automated database administration routines in backup and recovery using Recovery Manager (RMAN) as well as using routine IMP/EXP, IMPDP/EXPDP utilities, CRONTAB and DBMS\_SCHEDULER.
* Managed database security by creating users, assigning roles, monitoring profiles, and providing privileges for implementation and maintenance of user security on Oracle 10g and 11g.
* Refreshed development and test database from production using traditional Import/Export, Data Pump Export/Import, and RMAN backups.
* Responsible for implementing a solid RMAN backup strategy that meets the organization's SLA.
* Loaded and transfer data by means of SQL Loader.

**Project: FedEx, Pittsburg PA . Jan 2013 – Mar 2015**

**Role: Oracle DBA.**

**Environment:** Oracle 10.2.0.1, HP-UX 11, Sun Solaris 10.0, RAC, Oracle Streams, RMAN, Data Pump, SQL TRACE, TKPROF, EXPLAIN PLAN   
   
**Responsibilities:**

* Performed Installation and configuration of Oracle 10.2.0.1 database on HP-UX platform.
* Successfully performed migrations from Oracle 10g/11g to 11gR2 RAC (Real Application) Database.
* Performed space management, capacity planning, disaster recovery and overall maintenance of the databases.
* Used SQL TRACE, TKPROF, EXPLAIN PLAN utilities for optimizing and tuning SQL queries.
* Maintained the data integrity and security using integrity constraints and database triggers.
* Implemented Logical and Physical Standby Databases for RAC cluster on Sun Solaris platform using Data Guard feature of Oracle 11g R2.
* Successfully performed data replication using Materialized views and Oracle Streams in Oracle11gR2.
* Cloned/Migrated databases using RMAN and traditional Data Pump export/import utilities in Oracle11gR2..
* Perform RMAN operations (Incremental Backups). Helped developer to install Oracle Client, troubleshoot and establish the connection to Oracle database through ODBC, JDBC.
* Performance tuning for optimized results using tools like EXPLAIN PLAN, SQL\*Trace, TKPROF, STATSPACK, AWR and ADDM reports.
* Database tuning, Application Tuning & performance monitoring. Fine tuning Initialization parameters, I/O, Memory and Operating System kernel parameters.
* Monitored the production Oracle alert logs for database errors and data issues.
* Used EXPORT/IMPORT to do table level and full database defragmentation
* Managed RAC Linux servers running Oracle in cluster environments.
* Performed patching of Oracle databases with latest patches from Oracle.
* Install and configure block change tracking to work with RMAN Merged incremental backups.
* Applied patches 10.2.0.2 and 10.2.0.3, 10.2.0.4.
* Supported & maintained the Production/Development databases on various servers.
* Responsible for Creating Users, Groups, Roles, Profiles and assigning the users to groups and grant necessary privileges to the relevant groups.
* Used to run the scripts to check the status of databases such as growing table sizes, extent allocation, free space, used space, fragmentation etc.