AkshayDeep DB

Sr. Oracle DBA

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PROFESSIONAL SUMMARY:

A conscientious **Oracle** **Database Administrator** with Ten years of progressively responsible positions in diversified and very large production and development environments in various domains with database implementation in various Linux, Windows platforms.

Experience Summary

• Experience in Oracle Installations, Upgrades and Patches in 11g/12c/19c.

• Experienced in installing, Configuring, Managing, Monitoring, Troubleshooting, Upgrading and Migrating MS SQL Server and PostgreSQL 9.4

• Experience of Oracle Golden Gate installation, configuration and troubleshooting Golden Gate Extract Pump and Replicate issues.

• Involved in Oracle GoldenGate 11g/12c replication setup on database servers and ensure data synchronization.

• Involved in Performance tuning of Oracle GoldenGate Processes to achieve zero lag times.

• Involved in configuration and Management of Data Guard 11g/12c for Disaster Recovery.

• Configured and maintained physical standby databases using Oracle data guard to perform quick disaster recovery.

• Implemented Dataguard with maximum availability, protection and performance configurations and worked with Dataguard Fail over and Switch over cases.

• Experience in setup/implementation/maintenance of Real-Application-Cluster (RAC) of 2/3 Node RAC on 11g/12c/19c.

• Involved in installation standalone server on ASM and Migrated databases from NONASM to ASM

• Installed patches using OPatch utility and expertise in applying Oracle PSU and CPU patches.

• Experience in upgrading databases from 10g to 11g and 11g to 12c on Solaris, AIX, Linux, and Windows platforms.

• Cross platform Migrated from AIX to Linux and Upgraded database from 11g to 12c Using GoldenGate.

• Good experience with Oracle Enterprise Manager (OEM) 11g/12c/13c for various database activities like monitoring Target databases servers, scheduling jobs, monitoring performance issues, implementing suggestions and setting up alerts.

• Implemented RMAN Backup and Recovery, Incomplete Recovery and disaster recovery using Data Guard.

• Hands on experience in migrating data from Solaris, HP-Unix to Linux.

• Worked on disaster recovery, Database backup concepts and options such as user-managed backup, RMAN-managed backup with or without catalog, operating system backup, cold and hot backup, full back up, incremental, cumulative backup and implementing backup and recovery strategies.

• Involved in testing and implementing different physical (hot/cold), logical backup and recovery methods including point in time, media recovery, full/partial, and data pump export/import.

• Knowledge of various storage solutions (SAN, NAS).

• Knowledge in installation and administering of MySQL databases.

TECHNICAL SKILLS:

Operating systems: Windows 7, Windows 8, Linux, RHEL, Exadata

Software's: MATLAB, SPSS, Minitab

Microsoft products: MS Office Suite- Excel, MS Word, and Power Point

Databases: Oracle 11g/12c/19c, Oracle 11g/12c Real Application Cluster (RAC), ASM, ODI, PostgreSQL

Languages: SQL, PL/SQL

Tools/Utilities: SQL* Loader, ASM, VMware, RMAN, NETCA, DBCA, SQLNET, Exp/Imp, Data pump, and Data-Guard

Terminal Emulation: Putty, WinSCP, TOAD, SQL Developer

PROFESSIONAL EXPERIENCE:

NextEra Energy, Juno Beach, FL   **March'2022 – Till Date**

Role: Senior Oracle DBA

Roles & Responsibilities:

• Coordinate and maintain offshore teams, providing status reports to onsite team.

• Cross Platform migration of databases from AIX to LINUX.

• GoldenGate replication solutions design, implementation, and support for both unidirectional and bidirectional replication leveraging multiple features within the Oracle GoldenGate product suite.

• Oracle database migration to Cloud using RMAN/GoldenGate Replication with zero downtime.

• Configuring OEM agent to collect the metrics and enable monitoring.

• Database Performance tuning using the AWR/ASH/ADDM/TKPROF/OEM /tracing sessions & creating the required indexes.

• Designing the database for optimal performance w.r.t to CPU, memory, and capacity planning.

• Upgrade the database from 12c to 19c with minimal downtime.

• Installation and maintenance of PostgreSQL Databases migration to AWS Aurora.

• Master-Slave replication setup in PostgreSQL environment.

• Migrate database from on-prem to AWS.

• Maintained 200+ RDS database.

• Build databases on EC2 instances.

• Configure replication from on-perm to AWS cloud.

• Build Oracle Enterprise Manager (OEM) with a repository in an Amazon RDS custom.

• Managed oracle Data Guard switchover with Amazon RDS.

• Migrate databases from NON-ASM to ASM.

• Implementing CDB/PDB in 19c.

• Expertise in 19c container databases.

• Converting traditional auditing to Unified Auditing, work on the policies and procedures.

• Working with application team to troubleshoot connectivity issues.

• Troubleshooting slowness in the system and working on fine tuning long running queries.

• Worked on resolving Archival GAP (DG Sync) in Data Guard Environment and ensuring Standby and Primary are in sync.

• Refresh lower environments with production data using RMAN Duplicate to minimize the down time.

• Automate day to day activities using shell scripting.

Environment: <mark>Oracle</mark> 19c/12c/11g/10g on AIX and LINUX, , OEM 13c, RAC, Data guard including DG Broker setup, RMAN, Performance tuning, Golden Gate

Excellus Health Plan, Buffalo, NY   **July'2017 – March'2022**

Role: <mark>Oracle DBA</mark>

Roles & Responsibilities:

• Hands on experience <mark>Oracle</mark> RAC, including applying patches, performance tuning, backup, and recovery issues with RMAN, trace analysis, service creation, cluster, and system management.

• Cross platform migration of databases to <mark>Oracle</mark> Exadata RAC.

• Migration of multi-terabyte databases using RMAN transportable tablespaces.

• Configuration of multi-tenant databases in 19c.

• Engineering, implemented, documented and supported builds of new clusters to use <mark>Oracle</mark> 11g/12c RAC on RHEL and Linux. Including installing cluster ware, ASM (and shared disks) and creating new databases.

• Created and maintained physical, logical, and snapshot standby databases for Disaster Recovery (DR), near real-time reporting, load-testing, and production database backup.

• Monitored DR (Data Guard) sites and resolved issues related to connectivity and "log shipping" to failover site.

• Long grain basmati rice flavored with saffron and cooked with a delicate blend of exotic spices and herbs and egg, served with raita and curry sauce.

• Implemented Disaster Recovery on 11g/12c Data Guard on physical standby database in maximum performance mode using LGWR ASYNC mode.

• Initiated media recovery, Instance and crash recovery using RMAN and performed Database point-in-time recovery and Tablespace Point-in-Time Recovery.

• Restore and Refresh of database/schema's using RMAN and Data pump utilities, Database movement from one machine to another.

• Installed ODI 12C on client and remote machine.

• Configured physical and logical topology.

• Worked on LKM (File to sql, sql to sql), IKM (Oracle global insert, Oracle incremental update), CKM (CKM oracle), RKM (Standard).

• Used ODI Operator for debugging and viewing the execution details of interfaces and packages.

• Created scripts and scheduled backups in Autosys for RMAN database backups and recoveries and Cloned databases using RMAN Utility.

• Monitoring Day-to- Day Backups, Log's and recovering them as per the requirement.

• Registering database in recovery catalog for backups and resolving issues related to scheduled backups.

• Taking incremental, cumulative backups using RMAN and scheduling database backups using Crontab.

• Weekly Data Refresh/Restore from Production to Development and Test environments using data pump export/import.

• Scheduling of jobs using Oracle scheduler and AutoSys Automation using UNIX Shell scripts and Perl Scripts.

• Generate and interpret Automatic Workload Repository (AWR), Active Session History (ASH) and Automatic Database Diagnostic Monitor (ADDM) reports.

• Developed SQL Queries, SQL Query tuning process and Schemas.

• Performance Tuning, Capacity Planning, database cloning, and patch management.

• Applied Patches in standalone, Data Guard and RAC environments.

• Worked on Audit log filtering to filter out the DML from the audit log.

• Worked on rollover of audit log and error log into CSV table.

• Performed platform migrations, database/schema/table refreshes, and maintained.

• Configured TNS services for standalone Databases, also resolving issues related to TNS and Listener services.

• Worked with Oracle Support Mechanisms like My Oracle Support (Meta link) and Raising Service Requests.

Environment: Oracle 12c/11g/10gon Unix/Windows, Oracle 11g, Red Hat Linux 5.8, RHEL 6, AIX 6, OEM 12c, RAC, Data guard including DG Broker setup, RMAN, Partitioning, ODI, Performance tuning, opatch Auto, TOAD for oracle 12.1/11.6, SQL developer.

Bank of New York Mellon, NY.
Jan'17 – Jun'17

Role: Sr. Oracle DBA

Responsibilities:

• Application Clusters (RAC) on different nodes with Automatic Storage Management (ASM) and experience in adding and removing nodes.

• Providing Database Administration and support (24*7) for Production Oracle OLTP and OLAP Databases.

• Responsible for Upgrading Oracle Database 11g R2 to Oracle Database 12c.

• Performed ASM Memory Target issues on the 8 RAC Nodes with Golden gate.

• Performed minor Goldengate tasks like Stopping and Starting the Replica's, Pump's and Monitoring the status on OEM.

• Resolved the Goldengate Replica's Abended Process by viewing the Replicate Stat's Reports, Skipping the Transactions.

• Experience in Amazon RDS and AWS (Cloud Service).

• Creating database links for use with the DB Instances in a VPC.

• Responsible for Installation of OEM Cloud 12c Installation, Upgraded and Migrated 8 RAC OEM Servers from 11g OEM to 12c.

• Monitoring of RAC production servers on OEM 12c and performed blackouts on OEM 11g, 12c.

• Applied CPU security patches and PSU in both RAC and standalone systems in ASM environment.

• Performed SCAN Listener's configuration on the RAC Nodes and fixed SCAN Listener's issues on Multiple Nodes.

• Responsible for creating Administrator's and roles in OEM 11g, OEM12c and created Read-only users for Monitoring the Production Servers and running SQL Queries.

• Responsible for RMAN Backups, Hot backups, Database restore.

• Involved in Incremental and Cumulative RMAN Backups.

• Responsible in performing DBA day-to-day activities.

• Monitoring the Tablespace size issues like adding a Data file etc.

• Experienced with Oracle Support (raising SR) processes for technical requests through Metalink Tracked record with documentation of Oracle database operations.

• Created and Managed Database Structure, Storage Allocation, Table/Index segments, Rollback segments, Constraints, Database Access, Roles and Privileges.

Environment: Oracle 12c, 11g R1, R2 (11.2.0.1) (11.2.0.2) (11.2.0.4), Centos 6, RHEL 5.5, IBM AIX 5.3, SQL*Plus, JIRA Ticketing, Nagios, RMAN, ASM Packages, OEM 11g, OEM 12c.

Wells Fargo, NC.   Oct'2015- Dec'2016.

Role: Sr. Oracle DBA.

Responsibilities:

• Involved in Installation and configuration of Oracle 12c, 11gR2 RAC (2node) using oracle Cluster ware and ASM

• Worked on import/export, export data pump/import data pump and SQL- loader.

• HP-UX Platform migration to Oracle Linux 6.3, Using RMAN Transportable table space

• Installed and Implemented Backup& Recovery procedures, Implemented Hot, Cold, Logical backup plans.

• Downsizing and defragmenting the Very Large Databases by export / import, cloning those using RMAN duplicate features and then upgrading them to Oracle 10g.

• Used SQL server for ecommerce apps.

• Applying interim patch suggested by Oracle Support for the bug fixes.

• Implemented Initial Data Load, Batch/Online replication, Security in Golden Gate

• DML and DDL Replication: Difference and configuration

• Golden gate Heterogeneous replication using Log miner utility.

• Standby Database (Data Guard) setup and configuration.

• Recovering Golden Gate corruptions and managing host/cluster maintenance mode blackouts.

• Worked on Automatic Storage Management (ASM) with EMC Storage for managing data in SAN.

• Installation, maintenance and tuning of Oracle 11g RAC databases including ASM and CRS.

• Configured and maintained oracle data guard (primary and standby databases) to ensure disaster recovery, high availability and data protection.

• Data Migration as part of enterprise data warehouse project.

• Used shell scripting for automation of job Scripts, for Startup and Shutdown, Health Check of Databases, Analyzing of Tables and Rebuilding of Indexes.

• Data Modeling, Database Design and Creation using ER-Win, Visio.

• Monitoring and Troubleshooting of Database Replication issues using golden gate, dealt with conflict resolution and performance issues.

• Load balancing, Databases/Schema/Table Re-Organization for faster performance using export/import & Move procedures.

• Data Refreshing Test and Integration Databases using Transportable Table spaces.

• Storage Management Managing Space, Table spaces, Segments and Extents, Rollback Segments & Data Dictionary.

• Installed Oracle 12C Control for diagnosing and monitoring performance related problems and configured with Application servers on databases.

• SQL trace using Event 10046, SQL_TRACE,Dbms_session,Dbms_support,Dbms_monitor.

Environment: Oracle 12c,11gR2, Red hat Linux 5.X, ,Oracle 11gRAC, Toad, SQL-navigator, PL/SQL , Oracle Exadata EX2, SQL*Loader, ODBC, OEM, ASM, OLTP, 11g Grid Control , Oracle RAC Grid Control, and Data guard.

Scholastic Corp. Secaucus, NJ.   **Jan'14 – Oct'15**

Role: Oracle DBA

Responsibilities:

• Install, Upgrade and configure Oracle database on multiple OS platforms like HP-UX, IBM AIX, Oracle Linux.

• Involved in Design and implementation of oracle 11g Data guard both physical/logical standby databases in high availability mode.

• Carry general administration tasks using tools like OEM and Toad.

• Implemented and maintained streams for synchronization of data at various sites.

• Used RMAN for backup and recovery jobs.

• Configured and Administered STREMS.

• Create & Managing Database Structure, Storage Allocation, Table/Index segments, Rollback segments, Constraints, Database Access, Roles and Privileges.

• Applying Patches (CPU / PSU) to 10g/11g on Oracle database.

• Used shell scripting to automate all RMAN jobs.

• Creating and maintaining Materialized Views for replication.

- Use RMAN Duplicate to create copy of database from production databases.

- Run the Oracle STATSPACK on the Oracle Instances to find out the System Performance Statistics during the peak load times.

- Enabling the Trace files for the sessions which experience a very bad performance and generate the Trace output using TKPROF utility for further analysis.

- Trace the SQL that have poor performance and identify the ways of improving the performance by adding necessary indexes or removing the unwanted indexes.

- Trace the frequently called procedures/packages and pinning them to improve the performance.

- Responsible for Load and Performance testing of the database servers and application servers, analysis, and documentation of results.

Environment: Oracle 11g/10g, Cisco Blade server Oracle Enterprise linux, RMAN, 10g Enterprise manager, Cisco Load balancer, IBM X Series Server, Oracle Enterprise Manager, STATSPACK, TKPROF, TPUMP, EXPLAIN PLAN.

Fission Labs, India.   **Jun'13 – Dec'13**

Position: Jr. Oracle DBA

Responsibilities:

- Responsible for managing production, development & test databases and applications.

- Oracle database upgrade from 9i to oracle10g

- Designing and creating schema objects like Database tables, indexes, views, synonym**,** and all schema objects in Oracle.

- Responsible for writing database programming to Store/Retrieve the information from the database using SQL.

- Wrote Stored Procedures according to specs and control files for input to SQL*Loader utilities for loading data from external files into the Oracle database.

- Creating databases, objects, roles and privileges.

- Partitioned large tables to increase the performance.

- Configured scripts to monitor activity with database.

- Implement Hot, Cold and RMAN Logical backup plans.

- Oracle Configuration. Oracle Tuning. Oracle Patch Administration.

- Creation of Table space, Data files, Indexes and monitoring them.

- Creation of Users and Granting them privileges and roles.

- Performed Database Tuning. Performed Database Security and Integrity.

- Wrote extensive Sub Queries, PL/SQL procedures, functions, database triggers and packages.

- Writing shell scripts to automate the data loading.

Environment: Oracle 9i/10g, SQL Server 2005, IBM AIX UNIX, TOAD, SQL*PLUS, Explain Plan, UNIX Shell Scripting, Quest software tools, PL/SQL navigator.

Education:

- Bachelors in computer science engineering - JNTU India.

Akshay DB

- Phoenix, AZ, US

Contact Information

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- 6783872924

Work History

Total Work Experience: 10 years

- **Senior Oracle DBA Nextera Energy**
  Mar 01, 2022

- **Oracle DBA Excellus Health Plan**
  Jul 01, 2017

- **Sr. Oracle DBA Bank Of New York**
  Jan 01, 2017

- **Sr. Oracle DBA Wells Fargo**
  Oct 01, 2015

- **Oracle DBA Scholastic Corp**
  Jan 01, 2014

- **Jr. Oracle DBA Fission Labs**
  Jun 01, 2013

Skills

- **database** - 5 years
- **ibm aix** - 5 years
- **oracle** - 5 years

- **oracle dba** - 5 years
- **oracle rman** - 5 years
- **production** - 5 years
- **oem** - 4 years
- **oracle data guard** - 4 years
- **shell scripting** - 4 years
- **configuration** - 3 years
- **cpu** - 3 years
- **monitoring** - 3 years
- **oracle enterprise manager** - 3 years
- **replication** - 3 years
- **tkprof** - 3 years
- **upgrades** - 3 years
- **sql** - 4 years
- **backup** - 3 years
- **recovery** - 3 years
- **toad** - 3 years

Work Preferences

- Likely to Switch: False
- Willing to Relocate: True
- Travel Preference: 100%
- Work Authorization:
    - US
- Work Documents:
    - Have H1 Visa
- Security Clearance: False
- Third Party: True
- Employment Type:
    - Contract - Corp-to-Corp
    - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice: https://www.dice.com/employer/talent/profile/10dee09053e42afcde8aef84f1ebd28f