Prathap Putha

Oracle Database Administrator and AWS.

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Professional Summary:

Fourteen (14) years of experience as an Oracle Database Administrator, Exadata DMA, PostgreSQL and AWS. Having hands on experience in database administration, production support, installation, configuration, upgrades, patches, performance tuning, backup and recovery, space management, database security, cloning, migration, shell scripting and documentation.

* Extensive knowledge on database administration for Oracle 9i, 10g, 11g, 12c, 18c, 19c and 21c with experience within very large scale database environment and mission critical large systems.
* Excellent experience in installation, setup and configuration of Oracle 21c, 19c, 18c and 12c in RHEL, IBM-AIX and Windows Environments and Oracle Real Application Clusters.
* Having hands on experience in management and database administration of Oracle applications on Exadata Quarter RACK and Half RACK platforms.
* Exadata Machine Administration - configure and administer racks, ASM, and grid infrastructure patching.
* Oracle - Installs, upgrades and patches Oracle Exadata databases and Oracle Applications.
* Data Guard - configuration and administration for RAC (Real Application Cluster). And System health monitoring and proactive correction of issues.
* As a Database administration for creating users, tablespaces, logs, Performance tuning, Upgrades, Capacity management, Disaster Recovery, Backup and Cloning and Technical Patch Management.
* Install and Build database structures. And Documentation of database processes in Linux / UNIX operating systems (Red Hat and AIX). Oracle Database monitored with Control-M and Foglight tools.
* Experience in Overall maintenance, administration, monitoring, problem management, and production for Oracle databases and PostgreSQL database and knowledge on ZDLRA.
* Experience in Database management with Oracle RAC, Grid infrastructure (ASM & Cluster), Data Guard (logical and physical standby), Configure OEM, setting up of alerts and resolving issues.
* Converted Physical standby database to Snapshot Standby and Snapshot Standby to Physical standby in Oracle Data Guard (ODG) and monitored in Oracle OEM Cloud control
* Configured OMS and OEM on RHEL and Windows Server. Hands-on experience with CI/CD methodology.
* AWS Cloud expertise in administration, migration and enterprise configurations.
* Design architecture diagram for different application and involved in Capacity Planning.
* Worked on Multitenant Database Migrations from Non CDB to CDB and PDB. And applied quarterly patches.
* Working knowledge of Oracle Data Guard and standby database.
* Working knowledge of Oracle Golden Gate and database replication. Created Read Replica Database for Production Database. Learning PostgreSQL. Involved in Capacity planning and build activity.
* Experience with Database Migration from Non-Cloud Servers to Cloud Servers.
* Working experience and supported for data warehousing and ETL Informatica databases.
* Migrated On Premises Oracle Database to AWS RDS Database and EC2 Instances as well.
* Experience with High Availability features (RAC and DataGuard)
* Excellent knowledge in logical backups, Hot/Cold Backup and Recovery and Cloning of databases using RMAN
* Experience in complete recovery, incomplete recovery, recovering data files, tablespaces, control files, block corruption. Converted Non - RAC to RAC and worked on TDE.
* Good exposure to oracle technologies like AWR, ASM, RAC and Export and Import utilities.
* Working Experience on ORACLE EXADATA for the extreme performance of the database.
* Experience in Overall maintenance, administration, monitoring, problem management, and production for Oracle databases and PostgreSQL database and knowledge on ZDLRA.

Certification

* Oracle Certified Professional (**OCP**) in **Oracle Database Administration.**
* **AWS** Certified Solutions Architect – Associate.

Technical Skills:

Databases : RDBMS, Multitenant, Oracle 23ai, 21c, 19c, 18c, 12c, 11g, 10g, and 9i.

Oracle Products : Golden gate, ZDLRA, Oracle Exadata,Data Guard Broker, OEM, RMAN, ASM and RAC

Programming Languages : SQL, PL/SQL, JAVA, C, C++

Operating systems : OEL, RHEL, AIX, Solaris, Windows XP, 2003, 2008, 2010 and 2012.

Other Tools : RDBMS, Jenkins, APEX, BMC, Control-M, Foglight, PostgreSQL, MobaEx.

Education

* Bachelor of Information Technology from JNTU Hyderabad – 2006 – India.

PROFESSIONAL EXPERIENCE:

**Freddie Mac Oct 23 to till date**

**Lead / Sr. Oracle DBA**

Responsibilities:

* Involved and worked in Database Migration from **On Primes to AWS – EC2 Instances on Cloud.**
* Experience in Oracle database backup/recovery, high availability, data replication solutions, and applying quarterly security patches. working with Oracle Databases 19c and multitenant concepts (**CDBs and PDBs**).
* Experience in managing Oracle DB and client requirements. Working experience with RAC.
* Experience in **Migrating** Oracle 12c - Oracle 19c and applied patches and RDS, EC2, S3, IAM and Cloudwatch.
* Experience in **ZDLRA** for configuring Backup and Recovery.
* Experience in **Oracle Real Application Clusters** and **Oracle DataGuard** environments
* Experience in **Exadata Administration DMA** and **PostgresSQL Administration.**
* Converted Physical standby database to Snapshot Standby and Snapshot Standby to Physical standby in Oracle Data Guard.

**State of New Jersey, NJ. May 22 to Oct 23**

**Lead / Sr. Oracle DBA**

Responsibilities:

* Experience in Oracle database backup/recovery, high availability, data replication solutions, and applying quarterly security patches and Implemented **Oracle GoldenGate** unidirectional in Prod environments.
* Working experience in Oracle **Multitenant CDB/PDB** administration along with migration from **non-CDB to PDB**.
* Experience in **performing optimization** and tuning activities, including capacity planning, tracking historical usage, trending future resource needs, and modifying resource allocations as needed.
* Experience in **Monitoring**, **Backup/Recovery** Management, DB Provisioning/de-provisioning, DB refresh/restore, HA/DR, Patching, **migration**, replication, and upgrades and ZDLRA.
* Experience in Understanding of Incident Management, Problem Management, and Change Management and in tools such as Service Now, JIRA, and Confluence for Oracle Database and PostgresSQL Database.

**Charter Communications, CO. Aug 20 to May 22**

**Lead / Sr. Oracle DBA**

Responsibilities:

* 24x7 **Production Database** administration and applications support
* Supporting multiple databases for Production, Development, Test and Staging purposes
* Applying upgrade patch, maintenance (opatch) Patches on all the Exadata databases.
* Refreshing Dev and test instances with data from Production on a regular basis.
* Provided performance tuning of Oracle Databases on Exadata.
* Experience with RMAN point in time recovery and Instance recovery done.
* Converted Physical standby database to Snapshot Standby and Snapshot Standby to Physical standby in Oracle Data Guard.
* Applied Patches for every Quarter for Standalone and DataGuard Databases
* Upgrade and Migration of Database from 10g to 11g and 11g to 12c applying patches whenever required.
* Monitoring and optimizing the performance of the Databases
* Worked on Multitenant Database Clones from one CDB to CDB Databases.
* Oversawsetting and managing USER MANAGEMENT, SPACE MANAGEMENT, Granting required privileges to users.
* Troubleshoot and resolve RAC and Redhat clustering issues in database environments.
* Experience in Installing Oracle release updates (RU) security patches on data guard, multitenant, stand alone and Real Application Cluster (RAC) databases
* Experience in accountable for building, managing, operating, and continuously improving Database and Tools Infrastructure that support customer facing applications, back-office, and provisioning infrastructure in a 7\*24 environment.
* Used srvctl command to start and stop RAC Database.
* Working experience in Oracle Data Guard (ODG).

**State of Washington, WA June 19 to Aug 20**

**Lead / Sr. Oracle DBA**

Responsibilities:

* Oversawproviding 24X7 production support for critical Payments, Financial, and connectivity applications’ **Oracle 19c and 18c** databases on RHEL and Windows.
* Worked on Database Migrations from On Premises to AWS RDS Database
* Worked on Quarter Rack and Half Rack Exadata on X6 and X7 machines.
* Worked on Database Migrations from one datacenter to another datacenter and enabled monitoring.
* Used OEM (Oracle Enterprise Manager) to setup matric alerts and Performance Tuning as well.
* Applied Patches for every Quarter for Standalone and DataGuard Databases
* Piloted the Planning and Migration of Oracle databases from In-premises Datacenters to AWS Cloud including homogeneous
* Experience in Database Migration from on Primacies to AWS RDS Database using Export and Import
* Working experience with Applying Patches for Database Release Update and OJVM Components
* Worked on Multitenant Database Refreshed from one CDB to another CDB and PDB databases.
* Experienced in Design, implementation and generating documentation of Oracle 11g Data Guard
* Working experience with Adding node and Deleting node in **RAC** databases.
* Supported for 3-to-4-week **sprints** and therefore need to be quick and agile.

**State of Colorado, CO Dec 16 to Jun 19**

**Lead / Sr. Oracle DBA**

Responsibilities:

* Worked on 2 Node **RAC** on Production Database for High Availability.
* Applied Quarterly patches for Oracle Database
* Worked on Half RACK Oracle Exadata Database Machine Administration
* Database Monitored through OEM 12c Cloud control.
* Worked on Multitenant Database Services for each Pluggable database and Container database well.
* Converted Physical standby database to Snapshot Standby and Snapshot Standby to Physical standby in Oracle Data Guard.
* Strong experience in allocating system storage and planning future storage requirements for the database system.
* Experience in Utilizing Change Management controls to implement Code changes in Production and non-Production instances.
* Proactive monitoring, provide and implement database and application performance tuning recommendations with the help of ADDM / AWR / ASH / SQL advisors.
* Experience in Database Design and Architecture, Database Installation and Configuration, Data Security and Integrity.
* Experience in Performance Tuning and Optimization, Backup and Recovery, Database Maintenance, Troubleshooting and Issue Resolution, And Capacity Planning.
* Proficiency in replicating and/or migrating Oracle databases to the Cloud (preference for on-premise to VMware’s Cloud Disaster Recovery (VCDR) environment.
* Experience in Reviewing database design and integration of systems, and makes recommendations regarding enhancements and/or improvements.
* Collaborated with other Application DBA staff, senior infrastructure DBA staff, developers, and other technical staff to ensure that best practices are followed for relational database design, database configurations, and installation options.
* Worked on Multitenant Database Migrations from Non CDB to CDB and PDB. And applied quarterly patches.

**Eli Lilly, NJ Apr 16 to Dec 16**

**Lead / Sr. Oracle DBA**

Responsibilities:

* Installed Oracle database and **Oracle Grid Infrastructure** software on **IBM** clusters.
* Experience in focus on **building**, deploying and stabilizing code, services, systems, tools; driving standardization and service focused instrumentation, resolving break/fix scenarios, engaging broader teams as necessary.
* Have Strong knowledge in **Oracle Database administration** including oracle cloudbased databases (11g above databases)
* Experience in knowledge and understanding of supporting **Oracle DB** production instances in a 24x7 days environment including process management
* Experience in knowledge using **OEM**, **DBCA**, Databases Creation, Database Configuration, Backup and Recovery and SQL tuning and Maintenance work like patching & upgradation, RAC, Data Guard, ASM disks, SQL and other shell scripting.
* Experience in implementing and supporting Oracle on **AWS including EC2, RDS and S3 buckets**. And Oracle based ETL processes.
* Participated in **on-call** rotation and weekend work. And Experience authoring code in SQL, PL/SQL on Unix/Linux UNIX Server platform.

**IBM, India Mar 11 to Nov 15**

**Oracle DBA**

**Responsibilities:**

* As a Oracle DBA, Installation, configuration, maintenance and tuning of Oracle 11g and 10g.
* Worked as a part of team in **Data Center Migration** project for 6 months.
* Daily database administration tasks including backup and recovery through RMAN.
* Performed data transfer using Export and Import
* Created Build Plan for Quarterly Patches and Database Upgrades
* Created NEVER expiry profiles for all system USERS
* Worked on Database Health Check for every Quarter.
* Worked on query performance tuning for long running queries.
* Applied patches for every quarter in Oracle database.
* Worked on Exports and Imports for Schema Refresh task.
* Installation and configuration of Oracle Enterprise Manager Cloud Control 12c.
* Involved in Installation and configuration of **Oracle 10g &11gRAC** using Cluster ware and **ASM.**
* 24x7 remote support and on call Database support for Database developers & end-users.
* Experienced in implementing Oracle Database **Patches.**
* Implemented Oracle Dataguard for PROD Environments.
* Successfully configured and installed Oracle Golden Gate for replication.
* Helped in developing applications based on Oracle Exadata platforms.
* Maintained the Heart beat tables to check the lag between the sites.
* Installation and configuration of 11g Database on AIX.
* Worked with application team to resolve conflict handlers and the replication issues.
* Experienced in Design, implementation and generating documentation of Oracle 11g Data Guard

**Environment:** Oracle 9i,10g and 11gEXP, IMP, IBM-AIX, Windows XP/NT, PL/SQL, SQL, Supported Applications like SIEBEL, OBIEE, Hyperion, WindChill, PeopleSoft, JD Edwards and ServiceNow. RDBMS, Jenkins, BMC, Control-M, Putty, PostgreSQL, MobaEx and Secure CRT.

**Education:** Bachelor's of Information Technology from JNTU Hyderabad India - 2006.