**SIVA RAM**

**ORACLE DATABASE ADMISTRATOR**

**Email:** [**bolladba@gmail.com**](http://bolladba@gmail.com)

**Ph. +1 (669)-264-9707**

**SUMMARY:**

Over **9+ years** of professional experience as an **Oracle Database Administrator** having hands on experience in **database administration production support, installation, configuration, upgrades, patches, performance tuning, backup and recovery, database security, cloning, migration, shell scripting and documentation, setting up and configuring Data-guard, replications using golden gate** in high-availability environments.

* Experience as **On-call 24/7** production database administration support
* Providing DBA support to **multiple Cluster, Non-cluster and ASM** Database in production, development and Testing Servers on UNIX, Linux,Aix,Hpux and Solaris Environments.
* Handful of experience in Oracle **Installations, Upgrades, Patches, Critical Patch Updates** (CPU) in various environment ranging from 9i/10g/11g/12c.
* Excellent experience in **Installation, administration and troubleshooting of Oracle 12c/11g/10g/9i for OLTP** (multiple instances)/ OLAP environment on Very Large or Highly Transactional Databases.
* Having Hands on experience working in **both Application and Production support environment.**
* Expertise in **setup, installation, configuration, maintenance and troubleshooting** of several Oracle tools and utilities like **Oracle Enterprise Manager (OEM), TOAD, Oracle SQL Developer** in various versions.
* Having good experience in **configuring OEM 12C cloud control and monitoring databases using OEM 10g/11g/12c**.
* Configuration and Management of **Dataguard 10g/11g on RHEL, OEL and Sun-Solaris** for Disaster Recovery.
* Knowledge of ad hoc scripts using Perl, Korn Shell
* Expertise in **setup/implementation/maintenance of Real-Application-Cluster** (RAC) of 2/3 Node RAC on 10g/11g/12c.
* Deep understanding and hands on experience with 12c CDB/PDB creation, migration and admiration.
* Installed and Upgrade **EBS** 12.2.5 in AIX and Linux Environments.
* **Installed** and **maintained Oracle 12c/11g/10g RAC** with **ASM & OCFS2** File systems.
* Experience **of Oracle Golden Gate installation, configuration and troubleshooting** Golden Gate **Extract** and **Replicate** issues.
* Experience in utilities and tools used for database monitoring (DB2 traces, online performance monitors, reports, EXPLAIN, DB2 catalog queries).
* Wide experience in infrastructure layout, provisioning. Extensive experience in Amazon **AWS cloud** infrastructure regarding provisioning, security, and management.
* Performed **Up gradation of databases from lower version (9i/10g) to higher version (11g).**
* Implemented **RMAN Backup and Recovery**, Incomplete Recovery and **disaster recovery using Dataguard**.
* Have good 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.
* System administration, **Oracle Problem analysis & resolution and active cloning of databases between servers.**
* 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)**.
* Database refresh from production to **QA, development and testing environments.**
* Detecting and diagnosing production system performance problem by **analyzing STATSPACK reports, Oracle trace and log files, AWR, ADDM, analyzing SQL statements,** measuring system and database activity, Querying Oracle dynamic performance views.
* **Developed both database and OS-level security policies** for data protection and having good experience in Working with **Oracle security, Transparent Data Encryption, Oracle Wallet Management and Oracle Identity management.**
* Experience in **SQL Tuning, SQL Optimization, cost based optimization and Hints.**
* Proficient in raising TAR with Oracle Support and using Meta-link to resolve the bottlenecks in the database environments.
* Extensively used BMC Remedy, Pac 2000 ticketing systems.
* Worked proactively and gave **24/7 on-call production support and Weekend support** for maintenance and server level patching.
* Good **analytical and problem solving skills with ability to work independently and in a team environment**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Operating Systems** | Red Hat Linux RHEL 3.x, 4.x, 5.x, 6.x, HP-UX 10.x, 11.x,  Sun Solaris 9.0/10.0, AIX 5.1, 5.2 |
| **Data Bases** | Oracle 12c/11g/10g/9i, Oracle 12c, 11g/10g Real Application Cluster (RAC),  ASM, Mysql, SQL SERVER 2008/2012, MongoDB |
| **Languages** | SQL, PL/SQL, UNIX Shell Scripting |
| **Tools/**  **Utilities** | RAC, OEM Grid Control, SQL\* Loader, ASM, SQL Server, Export/Import,  RMAN, NETCA, DBCA, EBS, ETL, TOAD, Exadata, Patch Management, SQLNET,  ODBC, Export/Import, Data pump, Dataguard, Erwin, Golden Gate, OEL, Log-miner,  VERITAS Net Backup, BMC remedy, Pac 2000, VMware, Crontab |
| **Tuning Tools** | TKPROF, EXPLAIN PLAN, STATSPACK, ADDM, AWR |
| **Terminal Emulation** | Putty, Telnet, FTP, TOAD |

**PROFESSIONAL EXPERIENCE:**

|  |  |
| --- | --- |
| **Bose, Stow, MA** | **Nov2015 – Present** |
| **Senior Oracle Apps DBA** |  |

**Responsibilities:**

* Installation and use of **High Availability** and **Disaster Recovery** components; Oracle GRID Infrastructure / Clusterware, **Oracle 12c two node RAC** for the database tier.
* Planning and implementing DR & high availability solutions using Oracle 11g /12c Standby Database using **Dataguard**.
* Developed **PL/SQL triggers**and**master tables** for automatic creation of primary keys.
* Configured **Dataguard Broker** and used for switchover and stopping and Starting Media recovery process.
* **EBS** fresh Installation of 12.2.5 and build server as per development team request.
* Support and Upgrade **EBS** 12.2.5 in AIX and Linux Environments.
* Perform ETL testing by validating data.
* Involved in ETL development using oracle PL/SQL.
* Manage import/export/ETL interfaces and scripts, preferably with **AWS** services.
* Creation and setup of physical standby databases and Oracle active **Dataguard** on **Exadata** machines.
* Efficiently carried out DBA responsibilities in planning DB2 version migration activities, in migration phases and in performing post migration tasks.
* Monitored and managed DB2 thread and locking issues.
* Implementation of the Business logic layer for **MongoDB** Services.
* Manage and review **MongoDB** log files.
* Work with operations to deploy **MongoDB** updates, patches and version upgrades when required.
* Created **ASM volumes using ASMCA** and Created **ACFS for RAC v12**.
* Installed **Golden Gate on 12c RAC ACFS** Configured Integrated Extract and Replicate on Multitenant database **12.1.0.2.**
* Setup classic capture replication mechanism using **Golden Gate.**
* Troubleshooting and fixing **Golden Gate** errors in a 2 node RAC production environment.
* Configured **GoldenGate** to achieve unidirectional and bidirectional replication.
* Ongoing proactive **database-level performance tuning**, with a good working knowledge of Oracle internals.
* Used **OEM 11g/12c** and **Administering Oracle Database 10g, 11g and 12c** databases and masking sensitive data in production databases.
* Migrate SQL Server 2005 databases and implement Oracle monitoring using Oracle **OEM.**
* Experience in creating **physical** and **logical database design** Data Models using **Erwin Tool**.
* Generation of **DDL scripts using Erwin Tools**.
* Patching & upgrades on Oracle 12c database (whilst minimizing or eliminating the impact to live services, i.e. using rolling node patching).
* **Upgraded** databases from **11.2.0.4 to 12c in QA** and **Prod environments**.
* Worked on **Oracle Enterprise Manager Express** for Oracle 12c **RAC** standard.
* Working with **logical backup using Data pump and Exports/Imports** Utility.
* Database Load and Transformation Techniques (**SQL Loader, External Tables**).
* Created scripts and scheduled backups in **Autosys for RMANdatabase backups** and recoveries and Cloned databases using RMAN Utility.
* Installation and use of Oracle ASM (as well as traditional file system storage).
* **Monitored DR** (Dataguard) implementations regarding **connectivity issues and "log shipping" to failover site.**
* **Creation of Users** and granting them the required **Roles and Privileges** accordingly.
* Responsible for all database activities such as **User management, space management**, database security management, rollback segments & creation of DB links between oracle servers.
* Installed and configured **Oracle 12c WebLogic server and Oracle 12c HTTP servers** for the application tier and web tier.
* Working with the Oracle Support Mechanisms; My Oracle Support (Metalink), Raising Service Requests.

Environment: Oracle 12c, RHEL 5/6, OEM, RMAN, Grid, EBS, Dataguard, ACFS, RAC, ASM, GoldenGate, TOAD, SQL\*LOADER, Performance Tuning, Data pumps, Exports/Imports.

|  |  |
| --- | --- |
| **BCBS,Plano,TX** | **July 2013 – Sep2015** |
| **Senior Oracle Apps DBA** |  |

**Responsibilities:**

* Solid skills to configure **Exadata** to meet company internal security requirement.
* Worked on maintenance of **Oracle 10g/11g RAC** databases on Linux and Configured **2 Node RAC** on Grid Infrastructure.
* Performed Capacity Planning, Undo segments and Health check reviews in RAC.
* Integration of **Exadata** monitoring and escalation into existing IT monitoring and actionable events solutions.
* Installation, Configuration & Deployment of Oracle **EBS** 11i/R12.
* Oracle Security implementation for **EBS** 12.2 and 12c, 11g database
* Perform ETL testing by validating data.
* Involved in ETL development using oracle PL/SQL.
* Administered and monitored over **120 databases** both on 10g/11g on prod/test/dev environments.
* Administering Oracle Databases **10g/11g** of sizes ranging from **100GB to 10TB**.
* Migrated databases from **File-system to Automatic Storage Management** (ASM).
* Involved in migrating applications from **Solaris 10g/11g to Linux 11.2.0.3 using Transportable Tablespaces, RMAN Convert**.
* Configured automation for RMAN backups,monitored health of database instances using **OEM grid** control 10g, **OEM** cloud control 12c.
* **Up-gradation of single instance** databases from 11.2.0.1 to 11.2.0.3 on Linux.
* Responsible for using **Flashback query mechanism** along with automatic undo management.
* Experience in Creating Physical and logical database design Data Models using ER Studio.
* Installed **12C grid control** and **Used Oracle Enterprise Manager Grid control 11g/12c** for monitoring databases.
* Involved in Mass Agent Deployment using **Oracle Enterprise Manager 12c**.
* Implemented **Dataguard with maximum availability and performance** configurations for production databases.
* **Maintained 11g/12c RAC** environment and troubleshooting issues**.**
* Responsible for **implementing Load Balancing in RAC** Database.
* Worked on **Active Dataguard, Fail over and Switch over cases**.
* Hands on Experience in **SQL Tuning** and **SQL Optimization**.
* Created **Oracle Tables, Table Partitions, Views, and Materialized Views**.
* Worked on database security, Transparent Data Encryption, Created tables with Encrypted Columns and Managed Encryption Keys.
* Configured **Extract** and **Replicate** pumps for **GoldenGate replication 11g/12c** and Troubleshooting issues in GoldenGate Environment.
* Performed **Zero-Down Time migration** from Hp-Unix to Oracle Enterprise Linux using **Expdp and GoldenGate**.
* Implemented the **TDE column encryption** to encrypt sensitive data stored in Tables for **Security Remediation**.
* Configured **Oracle Wallet for Encryption functions and involved in setting up Transparent Data Encryption for protecting sensitive data** in the database.
* Creation of **Users** and granting them the required **Roles** and **Privileges** accordingly
* **Cloned schemas, objects and data** on new server using **Data pump** utility
* Decreased Contention by reducing the **Wait Events** as a part of **Performance Tuning**
* Implemented **Backup and Recovery** Strategies **using RMAN** and used **Recovery advisor** to repair **data block corruptions**& data dictionary corruptions
* Generate and interpret **Automatic Workload Repository** (**AWR**), **Active Session History** (**ASH**) and **Automatic Database Diagnostic Monitor** (**ADDM**) reports.
* Responsible for all database activities such as **User management, space management, database security management, rollback segments**& creation of **DB** links between oracle servers
* Ability to work effectively and can liaise as a part of team monitoring proactively
* Involved in 24x7 production database maintenance and on-call support.

Environment: Oracle 10g, 11g, RHEL 5/6, SOLARIS, IBM AIX, OEM, RMAN, Grid, RAC, ASM, Data-guard, Golden Gate, TOAD, EBS, TDE, SQL\*LOADER, Performance Tuning, AWR, ADDM, ASH, Data pumps, Exports/Imports

|  |  |
| --- | --- |
| **Verizon, New Jersey** | **Aug 2012 – May 2013** |
| **Oracle Apps DBA** |  |

**Responsibilities:**

* Involved with installation and maintenance of **Oracle 2 node RAC** for high availability.
* Involved in change control process and Upgraded the **Oracle 10g** database to **11g version**and also applied **patch set and interim patches** whenever required to make the database software up to date.
* Worked extensively on monitoring **10g/11g Grid Control** and **Configuration of error notifications, installing listeners, and adding them to the grid control.**
* Involved in **Migrating applications** from single instance databases to Exadata.
* **Maintained 10g/11g RAC** environment and troubleshooting issues**.**
* Performed health checks in **RAC instances using Crsctl and Srvctl utility.**
* Excellent knowledge in **User Managed / RMAN backups and Recovery**.
* Configured **RMAN backups**for **TSM** and **Commvault** and also resolved**backup issues.**
* Having good experience in Migrating **Single Instance database to RAC Environment.**
* Monitoring Day-to-Day Backups, Log’s & recovering them as per the requirement.
* Scheduling the databases backup using **Crontab and VERITAS net backup.**
* Performed **Cross platform migration** and used **Oracle GoldenGate to migrate** database from IBM-AIX 6.1 to OEL 6.1.
* Involvement in **space management, rectification of lock problems**, managed quotas.
* **Performed Migration** of databases **10g** on **Hp –UNIX**to Oracle **11gR2 on Linux.**
* Involved in configuration of parameter files for extract process in primary and replica process **in** standby using **Golden Gate**.
* Installed **Golden Gate** for replication of **database on 11gR2 RAC** environment.
* Experience in **Creating Physical Design Data Models using Erwin Tool**.
* Generation of **DDL scripts** using **Erwin Tools.**
* Created, monitoring database objects like Indexes, Views, Users, and DB Links.
* Wrote scripts for database maintenance activities such as monitoring the growth rate of table spaces and extents. Also, wrote **UNIX** scripts to **process batch jobs**.
* **Monitored queries** with **high response time and high disk read per execution (Top SQLs)** and tuning the same using **Explain Plan**, **TKPROF** and **SQLtuning advisor**.
* Extensively used features such as **Data Pump, Flash Back Recovery, ASM, AWR, ADDM** for Generating reports.
* Created **Partition’s estimated stats on one partition1** and copied the stats to **remaining partitions using dbms\_stats.**
* Worked with **DW team on problem resolution and implemented** change requests. – Performance tuning on **DW such as Data extraction** from production to **Data warehouse.**
* **Install, maintain and monitor Web Logic server** as part of **OEM Grid Control** setup.
* Involved in 24x7 production database maintenance and on-call support.
* Conducted time-to-time analysis and monitoring of the software and hardware requirements and act accordingly.

Environment: Oracle 10g/11g, RAC on Sun Solaris, Linux, RMAN, Dataguard, Golden-Gate, Toad, Exadata, OEM, ASM

|  |  |
| --- | --- |
| **Bajaj Allianz Insurance Co. Ltd, Pune, India** | **Jan2011 –June 2012** |
| **Oracle DBA** |  |

**Responsibilities:**

* Installed and configured Oracle Products on **Linux and Windows Environments**.
* Involved in **Installation and customization of Databases (10g&9i)** in Linux and Solaris environments.
* Supported databases on **AIX, UNIX and Linux**.
* Evaluated the **hardware requirements** before **upgrading/migrating the database**.
* Good experience with recovery managed backups i.e. **RMAN**.
* Manage **users, privileges, profiles and schemas**.
* Experience in using automatic monitoring and management processes such as batch processing using **Crontab** for processes like import/export, backups & alerts of databases.
* Involved in **Schema management, Table space Management, User Creation**.
* Monitoring the **alert logs** and **trace files regularly**.
* **Storage management**, sizing the database objects, **monitoring Disk usage**.
* Involved in writing **UNIX shell scripting** for **automating** the jobs.
* UNIX shell scripting to automate different processes such as data loading and data analyze
* Experience with **SQL query tuning, SGA tuning** and Histograms understanding and sound knowledge in SQL execution plan.
* Architecture reviews, Change management meetings and Team meetings.
* Documented the complete project including all **pre-installation, post installation** and database configuration steps.
* **Disaster recovery** planning and testing, on site recovery.
* Experienced in Tuning SQL statements using **Explain Plan, Profiler and TKProf**.
* Setup various automation scripts process in Crontab on Various Servers to automate tasks like **Analyze the Tables, Indexes and Monitor** the Object growth.
* Maintained 24X7 Web based Production database with ODBC/JDBC environment
* 24/7 on-call production database support.

Environment: Oracle 10g/9i, HP-Ux10.2, HP-UX, Windows, Explain Plan, Profiler, TKProf, Java, and UNIX

|  |  |
| --- | --- |
| **Winnou Systems &Services PVT Ltd** | **July 2008 - Oct 2010** |
| **Database Administrator** |  |

**Responsibilities:**

* Providing Production support and troubleshooting user issues.
* Performing daily database operations, maintenance and support.
* Administration of databases- **Physical and logical structures**.
* Export/Import data to/from Production and Non-Production systems as required.
* Expertise in **database backup** and **recovery management** (Hot/Cold, Exp/Imp).
* Identifying and resolving resource contention issues and monitoring database performance.
* Solving the issues based on **Alert logs.**
* Maintaining of Space requirements on the Tablespaces by adding/re-sizing data files based upon the space available on the file systems and existing volumes.
* Creating and Managing Users, **Granting**, revoking privileges for the users to ensure the Database security.
* Performed Database upgrade of **Oracle 9i** from existing oracle 8i system.
* Involved in analysis of market risk and claims data.
* Performing backups and recoveries using **RMAN**/conventional hot backups.
* Other duties include applying oracle **database patches**, creation of database **users, monitoring, tuning, troubleshooting, and backup and recoveries, monitoring and optimizing database performance**.
* Responsible for refreshing/cloning test instances with Production Instance periodically.
* Creation of Database Links and Materialized Views between different databases.
* Coordinate with Oracle Support to resolve database performance issues.
* Monitor the operating system response in terms of CPU usage, disk space, and swap space by using various like **VMSTAT, ISOSTAT** and **TOP.**

**EDUCATION**

**BACHELOR’S DEGREE: JNT UNIVERSITY KAKINADA.**