Contact Info

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**Present location : Southern California**



Work

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| |  |  | | --- | --- | |  | **Southern California Edison SCE - Rosemead, CA**  **April 2018 – Present**  **Oracle DBA**  **Responsibilities:**   * Monitor, troubleshoot and maintain **ORACLE Golden Gate environment where schema/tables are replicated to downstream at real time processing. ( Oracle database, Hadoop, Teradata targets).** * Monitor, troubleshoot and maintain log shipment for all phyisical standby DataGaurd databases. ( DR setup, DG broker setup, switchovers, log gap resolution). * Migrate RAC Databases from one Exadata machine to a higher version and scale up/down as required. * Configure special extract processes to replicate to non-Oracle databases which use Flatfile Adaptors and write to flatfiles for downstream data processing. * **Configured Golden gate related files on ASM, ACFS file system.** * Troubleshoot **Database Performance issues using OEM, AWR, ASH, session traces and so on.** * Developed **custom scripts to setup proactive monitoring for lags and abended processes using crontab.** * **Mo**nitor Production Databases using various internal tools and custom scripts. (long running session, tablespace usage, instance down, failed auto jobs etc). * Database **security** **Management**, **session** **management**, set up database system, session and statement auditing strategies, creating and administering database users, roles, privileges and profiles to ensure compliance with corporate security and control standards, and **SOX Act** and **PCI compliance.** * **Database Capacity Management (Working with Storage teams for ASM Disks) using automated scripts/processes and Reports.** * Database, system and Application tuning using performance montoring and management tools. * Involved in **capacity and resource planning. (archiving and purging activities, increasing tablespace reaching threshold limit, coalescing and shrinking tablespace to reclaim space after performing growth analysis).** * Modified shell scripts for backup and recovery, Imported and exported procedure, implementing transportable table spaces. * Proactive rebuild of indexes and stats gathering to prevent performance related issues. * Exposure to new **12c Features especially optimizer statistics features, In-memory parameter for performace enhancement etc.** * Peform refreshes from production database to lower environments for database objects schema and entire database using DataPump Export/Import and RMAN Duplicate. * Migration of databases from one server to another server. * Primary database planned switchover to DR site for HA and DR testing. * Golden Gate environment failover from one RAC Node to another and also from Pimary database to DR during DR and HA. * Scheduling and maintaining level 0 and **level 1 RMAN** backups.   **State Farm Insurance Company - Bloomington, IL**  **August 2015 – March 2018**  **Oracle Database Administrator**  **Responsibilities:**   * Troubleshoot and maintain **ORACLE Data guard environment where TBs of log shipping and apply happen every day.** * Troubleshoot **Database Performance issues using OEM, AWR, ASH, TKPROF 10046 traces etc.** * Developed **custom scripts and implemented standard procedures to troubleshoot Live Production issues by leveraging ORACLE ASH and AWR Data.** * Monitor Production Databases using various internal tools and custom scripts. * **Database Capacity Management (Working with Storage teams for ASM Disks) using automated scripts/processes and Reports.** * Experience managing **Tablespaces, Data Files, Archive Logs, Redo Logs, and Standby Redo Logs and Logical Database Objects.** * Performing tuning of application using **CBO, SqlTrace, Tkprof, Explain Plan, Statspack, AWR and ASH/ADDM**. * Proficient in writing **UNIX Shell scripts to automate business process and daily backups.** * Involved in **capacity and resource planning.** * Exposure to new **12c Features, Container and Pluggable Database, FAR-SYNC Instance, Cascade Redo Transport Destination, Allowed usage of SYNC and NOAFFIRM to extend Data Guard Range, Moving online Data file, etc.** * Enforce and maintain database audit and security standards for **PCI** **standards**. * Troubleshooting **ORACLE RAC issues using ORACLE cluster ware and Database logs.** * Applied the Clusterware (GI), Database (RDBMS) Patches like PSU patches and one-off patches (for Bug resolution) using Opatch. * **Upgraded the RAC and standalone databases from 10g to 11g and 11g to 12.1/12.2. as part of performance improvement by utilizing the new features (Optimizer statistics parameters.** * **Creation, Configuration and Setting up of RMAN Catalog databases and registering target Databases with the Catalog.** * Worked on setting up of Goldengate 12c Integrated Capture on Exadata Servers for replication purposes from OLTP system to Downstream systems (Teradata/Hadoop) using **Flat File Adaptors. Also set up GG related files (trail files,checkpoint files,definition files and so on) on** ACFS filesystem using ASM storage. * Implemented Goldengate integrated and classis replicat and co-ordinated replicat to improve the performance of data replication to targets. ( golden gate tuning procedures). * Refreshing **Dev and Test environments with data from Production** on a regular basis to support on going projects. * Tuned **PL/SQL packages**, **funtions and Stored Procedures, t reinstated triggerse especially after refreshes.** * Resolving issues related to Network Congestion, Memory **(SGA and PGA) ,CPU & I/O** and other system wide related issues. * Migration of database from one server to another server. * Responsible for setup and implementation **of 2 Node RAC on Linux in 10g and 11g R2**. * Responsible for configuring **datagaurd physical and standby database** setup for high availability **and handling synchronization issues between primary and standby**. * Implemented **ASM on RAC** and stand-alone databases. Managing **disks and disk groups with ASM**. * Done migration of **non ASM database to ASM database**. * Scheduling and maintaining level 0 and **level 1 RMAN (Recovery Manager)** backups. * Managing, Monitoring and optimizing the performance of the databases on a periodic basis using **AWR, ADDM** reports and providing recommendations. * Handling and **debugging of high priority and sudden database service interruption** issues like service interruption due to **ORA-600 errors in the dump and database hung due to ORA 7445** errors and restoring the service to normal and performing RCA (root cause analysis) especially when issue result in a Business Impact. * Practive monitoring **free space in tablespaces, space requirements of tables, indexes rebuild and Performing database (script for detecting blocking sessions, lock contentions, long running transactions).** * Vast Experience with **RMAN to implement Backup/Recovery strategies and clear understanding of the data structures and architecture provided by Oracle for Recovery in all kinds of Disasters.** * Capacity Planning for **OLTP** environment- Allocating system storage and planning future storage requirements for the existing and new databases. * Proactive performance monitoring by implementing **UNIX scripts** and automated jobs **(Grid)** for alerts. * **Refreshing databases and Migration of databases from various environments for Testing, Development work.** * Developed **database system build sheets, code review check lists, code promotion process documents, outage reporting documents**. * Sizing the **SGA, db buffers, shared SQL area, log buffer** based on the requirements.   **J. J. Keller & Associates, Inc. - Neenah, WI**  **August 2012 – July 2015**  **Oracle Production Support Database Administrator**  **Responsibilities:**   * Active member in making enterprise hardware infrastructure related decisions with IT management * Involve in meetings with top IT management to discuss platform migrations * Installed, Setup, Configured **Oracle version 10g Release2 64 Bit on Solaris 10 and HP-UX11** * Installed, Setup, Configured Oracle version 11g Release2 64 Bit on SLES 10 * Migrating from **Oracle 10g Sun Solaris 10 to Oracle 11g SUSE Linux (SLES)** 10 * Built Oracle MAA Physical Standby and Logical Standby and configure Data Guard Broker for High Availability/Disaster Recovery purpose * Perform planned **switchover and failover to physical standby database with and without Data Guard Broker to verify availability status** * Transferring data from one server to another server by **Export/Import Data Pump and Normal Export /Import utilities** * Refresh **Test/Dev/Quality/Training/Sandbox** environment from Production for Apps Team * Regularly applying all **CPU & PSU Patches to All Oracle Databases using Opatch** * Creating and monitoring **TAR/SR with Oracle Support** * Extensively used **Oracle 10gR2 new features automatic SGA tuning, enhanced RMAN with Flash Recovery Area, Block Change Tracking, Merge backup, Oracle Data Pump, big file tablespaces, new EM Grid Control, Database Control, Studio Control, AWR, ADDM, SQL Tuning/Access Advisors, Flashback Database and several others** * Implemented Oracle Streams for propagation and management of data, transactions and events in the data stream to ensure smooth and transparent data flow using Oracle Streams methodology of * **Capture, Staging and Apply from the production Database to the Target database** * Implemented DATA GUARD (Physical Standby) for high availability/disaster recovery purpose * Rebuilding of Indexes for better performance, maintenance of Oracle Database * Performance tuning of **Oracle Database Objects by fixing row chaining** * Performance tuning for optimized results using tools like **EXPLAIN PLAN, SQL\*TRACE, TKPROF,** * **STATSPACK** * Tuned parameters for a large monthly SQL\* Loader job resulting in 90% reduction of operation time * Working with **Blobs and Clobs, Materialized views with Query Rewrite, Bitmapped Indexes, etc** * Database monitoring/maintenance, replication process and performance tuning are done using **OEM (Oracle Enterprise Manager).** * Experience in implementation of enterprise databases on enterprise Storage Solutions using **Storage area Networks (SAN) and Network attached storage (NAS).** * Documented the Standard Processes for peers to follow. * 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, STATSPACK, TKPROF, AWR, ADDM. Performance Tuning of the database (Memory Tuning, I/O Tuning).** * Expert in **Performance Tuning and Monitoring of Oracle Databases on Unix/Linux platform using database tuning, Tkprof, Explain plan and also tuned applications, shared pool, I/O distribution both at OS and database level, rollback segments, SGA compenents.** | |  |  | |

Skills Summary

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| |  |  |  | | --- | --- | --- | |  | * **6 years’** of experience in the field of Database Technology * Administer and manage **over 200 databases across Development, QA, UAT ,PERFORMANCE and PROD environments via use of sql command line and Oracle tools**. * Manage large complex Oracle RAC clusters with 50+ applications. * Installed Oracle **11g RAC and Upgrading Oracle 10g RAC databases.** * **Upgraded databases from 11g to 12c.** * **Set up Active Dataguard Configurations for oracle database** * Performance Tuning, identifying large objects, analyze those objects and recommend changes to improve performance to clients. * **Updated MVIEWS and test code to improve performance.** * **Practive archiving and purging objects not in use in database for space reclamation .** * **Installed and Administered Oracle 11g & 10g RAC software with ASM.** * Implemented **fast start failover on databases and configuring disaster recovery site using dataguard broker. Also proficient with new 11g features such as Active Dataguard and Snapshot standby database.** * Implemented & Managed Physical Standby and even Configured Automatic Storage Management (ASM). * Applying Patch set, **Critical Patch Update (CPU)/Patch Set Update (PSU) and One-off Patches using OPatch / OpatchAuto .** * **Performance Tuning of Oracle database using OEM ,AWR, ADDM, ASH, Explain plan, TKPROF, SQL TRACE and Oradebug for hanganalysis.** * Data movement using Export/Import utilities, Rman Duplicate, Data Guard and Oracle Golden gate. * Managed databases that run on Exadata X3,X5 and X7 boxes and migrating them from one box to another. Monitor resource distribution on these boxes using OEM. * Involved in troubleshooting slowness in stored **Procedures, Functions and Triggers in PL/SQL to interface faster with the application system.** |  | |  |  |  | |

Education

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| |  |  |  | | --- | --- | --- | |  | **Bachelor of Science in Applied Accounting**  **Oxford University, London England**  ***OCA 11g***  ***OCP – in progress*** |  | |  |  |  | |

Technical Skills

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