**ORACLE DBA / RAC / GOLDENGATE**

**KISHORE SAMALA**

**E-Mail:** [kishoresamala.mnc@gmail.com](mailto:kishoresamala.mnc@gmail.com) **Contact: +91 8500085252**

**PROFESSIONAL OBJECTIVE:**

I possess more than **4+ Years** of hands-on-experience in the IT industry specializing in the arena of **Oracle Database Administration** and extensively working on administration of Oracle **10g & 11g** especially on Linux platforms. During the entire span of my professional career, I have developed core skill sets in the installation, configuration and maintenance, Performance Tuning of **Oracle10g & 11g** servers on operating Systems **Linux** Servers in 24x7 productions.

**PROFESSIONAL SUMMARY:**

* Extensive Knowledge on Oracle & Goldengate Architecture
* Familiar with Table space level issues and User level issues.
* House Keeping activities of Archive logs and Trace files
* User management and providing security to the databases.
* Experience in working with ASM
* Experience in working with Oracle 10g, 11g RAC databases.
* Experience in handling production database support and maintenance as well.
* Excellent Team player with good communication.
* Taking scheduled backup as per backup strategy using RMAN.
* Configured and maintaining RMAN to take backup of the Oracle databases
* Monitoring performance using AWR Reports and ADDM Reports
* Enabled ASMM feature of Oracle 10g for implementing the self tuneable SGA
* Switchover, Failover, Activating the Standby to Primary and No data loss.
* Monitoring the DR Site.
* Involved in Database Cloning.
* Managing and monitoring the Indexes for better performance.
* Involved in performance tuning and application tuning
* Installed 2 node 10g RAC using RAW devices and ASM.
* Installed 2 Node RAC using Ocfs2 and ASM lib(on RHEL AS4)
* Administrating and maintain existing 2 node 10g RAC production environments.
* Migrated a non RAC database to 10g RAC database using Rconfig tool.
* Installed and configured 11gr2 RAC using SCAN name and SCAN ips.
* Good understanding of 11gr2 cluster startup process.
* Created high availability services and tested for load balancing and fail over.
* Troubleshooting day to day issues in RAC environment.
* Experience in patching and upgrade in RAC by applying patch set.
* Applied CRS # bundle patch to resolve node eviction issues and for bug fixes.
* Capable of troubleshooting in Oracle environment.
* Experienced in taking regular off-line, on-line and logical Backups
* Expertise in installing different versions of Oracle on Linux
* Experience in Flashback a Database.
* Experience in Backups like Logical Backups (Exp, Imp, and DataPump).
* Experience in Offline and Online backup.
* Have good knowledge on Oracle Golden Gate architecture and topologies.
* Have good knowledge on Golden Gate use cases
* Installed & Configured Oracle Golden Gate v11.2 in a Standalone Environment
* Configured oracle-to-oracle unidirectional replication
* Encrypted the password of Golden Gate user using AES 128 algorithm
* Configured the schema level replication with and without pump process
* Configured the column level replication setup using defgen parameter file
* Configured replicat process to discard some selected ORA- errors like 1403
* Knowledge on Initial extract process and replicat to perform 'Initial Load'
* Performed Instantiations using exp/imp and expdp/impdp at table level
* Configured oracle-oracle bidirectional replication for a new schema with CDR
* Analyzed trail files using log dump utility

**EDUCATIONAL QUALIFICATION:**

* B.TECH (Computer science and engineering ) Shadan college of Engineering and Technology

(April 2003 – June 2007)

* MSc Computer Science and technology from Staffordshire University, England, UNITED KINGDOM (September 2008 – July 2010)

**TECHNICAL SKILLS**

* Languages : Oracle 10g, Oracle 11g
* Operating Systems : RHEL AS4

**PROFESSIONAL EXPERIENCE:**

* **Prometheus Patent Services Private Limited, Hyderabad as Oracle Database Administrator**

**(Sep ’12 – Present)**

**PROFESSIONAL PROFILE:**

**#PROJECT 1:**

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| --- | --- |
| Client | LUMVATECH |
| Role | Oracle RAC DBA, Goldengate Administrator |
| Organization | PROMETHEUS PATENET SERVICES PVLTD |
| Duration | Sep 2014 – Present |
| Environment | Languages : SQL  Database : ORACLE 11g  O/s : RHEL AS4 |

**Roles & Responsibilities:**

* Interacting with client and team to resolve queries
* Resolving user’s day-to-day issues.
* Involved in designing the Backup Strategy Plan.
* Generating AWR Report for database performance Health Check.
* Used ADDM for taking the advisories.
* Monitoring the ASM Disk Groups.
* Applied database patches.
* Configured DR site.
* Installed and configured 11gr2 RAC using SCAN name and SCAN ips.
* Good understanding of 11gr2 cluster startup process.
* Created high availability services and tested for load balancing and failover.
* Distribution of Table spaces among different Disks and creation of Database objects.
* Performed Database Cloning and refresh on to Test environment
* Installed & configured 2-Node RAC using OCFS as cluster file system and ASM lib.
* Configured high availability services for Transparent Application Failover(TAF)
* Monitoring and maintaining Oracle cluster DB’s for their Optimal Performance and ensuing 100% availability of the DB’s
* Performed Index Rebuilding to enhance the performance
* Understanding execution plan of top sql statements by using Explainplan, Autotrace and Tkprof.
* Installed & configured 2-Node RAC using RAW and ASM
* Configured Data Guard and tested for failover & switchover.
* Creation of table spaces, user maintenance by creation and granting of roles and privileges.
* Design & implement the processes for DBA activities and for trouble shooting databases.
* Performed database backup using RMAN.
* Ensure space management on servers and user management at the database level.
* Consistently interacted with client and team in resolving the queries.
* Performing database Health checkups.
* Performed Database Cloning from Production to Test environment.
* Monitoring various database activities like number of users, memory usage, alert log file, trace files.
* Have good knowledge on Oracle Golden Gate architecture and topologies.
* Have good knowledge on Golden Gate use cases
* Installed & Configured Oracle Golden Gate v11.2 in a Standalone Environment
* Configured oracle-to-oracle unidirectional replication
* Encrypted the password of Golden Gate user using AES 128 algorithm
* Configured the schema level replication with and without pump process
* Configured the column level replication setup using defgen parameter file
* Configured replicat process to discard some selected ORA- errors like 1403
* Performed Instantiations using exp/imp and expdp/impdp at table level
* Configured oracle-oracle bidirectional replication for a new schema with CDR
* Analyzed trail files using log dump utility

**# PROJECT 2:**

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| Client | LAURUS Labs |
| Role | Oracle DBA, |
| Organization | PROMETHEUS PATENET SERVICES PVLTD |
| Duration | June 2013 – July 2014 |
| Environment | Languages : SQL  Database : ORACLE 10g  O/s : RHEL AS4 |

**Roles & Responsibilities:**

* Installed & configured 2-Node RAC using OCFS as cluster file system and ASM lib.
* Configured high availability services for Transparent Application Failover(TAF)
* Taking backups using RMAN
* Performed Node Eviction issues
* Patched and upgraded 10.2.0.1 databases to 10.2.0.4.
* Performed Database Cloning from Production to Test environment
* Performed Query Tuning by Explain Plan and Tkprof utilities
* Used ADDM for taking the advisories.
* Monitoring and optimizing the performance of the Database through AWR.
* Implemented ASMM feature in Memory Tuning.
* Configured Data guard for production Database
* Monitoring and maintaining Oracle cluster DB’s for their Optimal Performance and ensuing 100% availability of the DB’s.
* Performed Index Rebuilding
* Incorporating user’s requests as per mails.
* Allocating and reorganization of table spaces
* Backing up database using export/import.
* Maintenance and monitoring of Database and Listener.
* Checking Alert log, trace files, listener log and other database job logs.
* User creation and providing necessary Roles, Privileges and quota as per the Requirement.
* Decommissioning of Schema's as per approved requests.
* Resolving user’s day-to-day issues.
* Consistently interacted with client and team in resolving the queries.
* Generated AWR/Stats pack report for database performance health checkups.
* Performed INDEX re building.
* Monitor and report status of databases (capacity planning, size/limit, performance, etc.)
* Distribution of Table spaces among different Disks and creation of Database objects.
* Performed Cloning Activity for Databases from Production to Testing Environment.
* Created and managed tablespaces, datafiles, resizing and adding new datafiles
* Created new user accounts, profiles, roles and assigned them to different users
* Monitoring alert log on time base for critical errors, and space utilization issues.
* Taking the backup of the database regularly using Logical, Cold and Hot Backups
* Monitoring and performing daily incremental backups, weekly backups using RMAN
* Check the performance of the database and tune as when requires using tools AWR, EXPLAIN PLAN.
* Managing undo tablespaces, temporary tablespaces, and redo log groups
* Managing tablespaces, users including storage and security issues
* Performed Schema Management, Index rebuilding, Analyzing the tables and indexes.
* Monitoring Alert logs for any errors, problems or processes running
* Tablespace reorganization and management.

**# PROJECT 3:**

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| Client | GLOBAL STEEL COMPANY |
| Role | DBA Trainee |
| Organization | PROMETHEUS PATENET SERVICES PVT LTD |
| Duration | Sep 2012 – Apr 2013 |
| Environment | Languages : SQL  Database : ORACLE 10g  O/s : RHEL AS4 |

**Roles & Responsibilities:**

* Created and managed tablespaces, datafiles, resizing and adding new datafiles etc
* Created new user accounts, profiles, roles and assigned them to different users
* Monitoring alert log on time base for critical errors, and space utilization issues.
* Taking the backup of the database regularly using Logical, Cold and Hot Backups
* Managing undo tablespaces, temporary tablespaces, and redo log groups
* Managing tablespaces, users including storage and security issues
* Monitoring Alert logs for any errors, problems or processes running
* Tablespace reorganization and management
* Creating Database using DBCA
* Configure Listener using NETCA