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| **Tools & UTILITIES**  DBCA, DBUA, ASMCA, RMAN, Export/Import, CELLCLI,EXADATA, LIST CELLDISK, CREATE CELL, OEM, OMS, SQL CLIENT, netmgr, NETCA, sqldeveloper, SQL\*Loader, POSTGRESQL,TOAD, NOTEPAD++, ODBC, putty, Golden32, ImpExp32, Grid Control, Data pump, Data guard, VERITAS Net Backup, EXCEL, Words, MS PROJECT AND Power Point  **clients**  HHSC  Charter Communications  Belk  Costco  BCBS  Dex One  Rent-A-Center  Citigroup  **Education**  Bachelor of Technology  (Computer Science and Engineering)  JNTU, India  Masters in computer science from Western Michigan University | **pROFESSIONAL sUMMARY :**  12+years of experience as an AWS/Oracle Database Administrator. Having hands on experience in Installation, Administration and Troubleshooting of Oracle 18c/12c/11g/10g/9i for OLTP (multiple instances)/OLAP environment and supported multiple Clusters, Non - cluster and ASM Databases in production, development, and Testing Servers. Experience in database administration, production support, installation, configuration, upgrades, patches, performance tuning, backup and recovery, Configured Disaster recovery databases using Dataguard, replicated databases using Golden Gate. Planning, acquisition support, and implement databases (RAC and standalone) running on versions 10g,11g,12c,18c & 19c on varied platforms (Linux and AIX) and Windows environments of cloud and AWS infrastructure.  **PROFESSIONAL EXPERIENCE:**   * Experience in Installation, Configuration and Monitoring of Oracle Server on UNIX, Linux, AIX and Windows Environments. Oracle Real Application Cluster (RAC) with ASM. * Expert working knowledge of 19c,18c,12c,11g, 10g databases with the Linux and Windows operating systems. * Specialized in Migrating on premise Oracle databases to AWS RDS (Postgres Maria DB) using Schema conversion tool, Data Migration Services and Ora2pg. Provisioning AWS resources on S3, Ec2 & RDS instances Using Cloud Formation Templates. * Installed and Administered Oracle 12c, 11g ASM & 10g RAC on EXADATA, ASM & Oracle Cluster File System (OCFS2) with good understanding of Architecture and troubleshooting concepts. * Strong skills in applying security patches (Patch set, Critical Patch Updates (CPU) /Patch set updates (PSU), one-off Patch) using “run Installer” and Perl based utility “OPatch” as well as database upgrades. * Configured and monitored 12c and 13c OEM to monitor database performance. * Monitoring Day-to-Day Backups, Log’s & recovering them as per the requirement. Utilized Log Miner Technology & applied Application database transactions on other databases. * Ability to install and configure Cassandra database on Red Hat Linux, Amazon Linux AMIs through Docker image, Tarball binary file, Package installation. * Worked extensively on building ETL pipelines to read data from large sources and built a data lake using Pentaho, Python, Shell scripting. * Building Physical Standby databases, Active Dataguard, resolving archive log gap issues between primary and standby. Configuring scripts to monitor archive gap between primary and standby database. * Experienced in Automating, Configuring, and deploying instances on AWS & other Public Cloud environments such as AZURE. * UNIX Shell scripting for tablespace monitoring. Scripting for RMAN backups to connect catalog and run the backup as per the scheduled job in crontab. * As a DevOps engineer, I am not only limited to writing code in UNIX/Python scripting but also manage other DBA automation tasks which includes Building tools, Infrastructure design, Scaling systems or subsystems, Maintenance, Monitoring, Virtualization, Software release cycle and management, Automation, Reporting, Optimization/tuning, Performance Testing * Identifying the root cause analysis for the database issues provided working with Oracle support in all kinds of severity levels. * Change Management, Service Management, Problem Management, Incident Management, LA management, Reporting around tickets/KPIs |

Chronological Summary of Experience

**Texas Health and Human Services, Austin, TX Nov ’17 to present.**

**Sr. Oracle Database Administrator/AWS**

**Description**: Worked for Enterprise Data Governance team for supporting Informatica Application Databases in AWS cloud. Migrated legacy infrastructure databases to AWS cloud using Data Migration Services. Upgraded 80 – 90 Oracle databases from 12c to 18c & 19c. Setting up Dataguard for mission critical databases. Data refreshes from PROD to TEST for Testing code migration and Patching activity.

**Responsibilities:**

* Administering Oracle databases which resides on Informatica Master Data Management Application.
* Involved in data refresh from Production to Testing and Development databases. Validating data through ETL process which was coming from different member Sources at HHSC.
* Migrated 12c databases from legacy Linux servers to OCI (Oracle Cloud Infrastructure) in EXADATA.
* Worked on setting up Oracle databases in Oracle Cloud Infrastructure using Oracle Data Guard.
* Worked on Informatica MDM Match Merge process through entire cycle and troubleshooting Informatica application services.
* Worked on Tablespace Data Encryption (TDE) using wallet keystore procedures.
* Setting up wallet encryption, closing and opening the wallet using administer commands, SQLNET configurations to match the wallet and SSO files.
* Worked on to verify/display the wallet keys using orapki utility to validate the right keys.
* Configured/converted the password-based wallet to autologin wallet for RAC databases.
* Specialized in Migrating on premise Oracle databases to AWS RDS (Postgress & Maria DB) using Schema conversion tool, Data Migration Services and Ora2pg. Provisioning AWS resources on S3, EC2 & RDS instances Using Cloud Formation Templates.
* Worked on handling and configuring Master and Slave replication in PostgreSQL.
* Handling PostgreSQL connection issues, working with PostgreSQL database access, parameters.
* Manage a 10 node Redshift Cluster, enable replication from various data sources to Redshift data warehouse using Attunity.
* As a DevOps engineer, I worked on automating the scripts for install, configure, maintain, troubleshoot, optimize the databases, analyze queries and optimize them.
* Worked extensively on building ETL pipelines to read data from large sources and built a data lake using Pentaho, Python, Shell scripting.
* Co-ordinating with all the teams for security vulnerabilities for Oracle Database Patch releases quarterly, one-off & PSU patches. Making sure all the databases are regularly monitored.
* Planned and designed a road map for Oracle database migrations and upgrades from 12c to 18c/19c.
* Configured Oracle multitenant databases on 12c and 18c to meet agile methodology.
* Installation and use of High Availability and Disaster Recovery components, Oracle GRID Infrastructure /Clusterware, Oracle 12c two/five node RAC for the database tier.
* Installed, Configured and Administer Databases monitoring through Oracle Enterprise Manager.
* Installing agent 12c/13c on the server. Adding high Available database with CRS, scheduling Backups through OEM12c/13c.
* Cleansing data through Informatica Master Data Management Process through different Write, modify, enhance, test, debug programs using SQL, PL/SQL programming languages, shell scripting, Windows, Unix, Linux on application server to load, copy and archive the files into database.
* Planning and implementing DR & high availability solutions using Oracle 11g /12c Standby Database using DataGuard. Configured DataGuard Broker and used for switchover and stopping and Starting Media recovery process. Implemented Fast Start Fail Over (FSFO) using Data Guard Broker.

**Environment**: Oracle 12c,18c,19c, RAC, Exadata, AWS SCT, Amazon Arora, MySQL, PostgreSQL, Redshift, DynamoDB, Golden Gate, Data Guard, OEM Grid Control, PL/SQL, Golden tool, WinSCP, KeyPass, Power Center, Informatica Administrator, Red Hat Linux 6, Windows.

**Charter Communications, St Louis, MO Feb ’16 – Nov ‘17**

**Sr. Oracle Database Administrator**

**Description**: I am the Primary DBA for one of the Application (T3). I used to support database upgrades, refreshes, RAC builds, DataGuard Configuration, Performance tuning. Setting up these databases in DMZ zone which is highly secured with the help of Network, System and SAN storage admins. Also supporting several databases 24X7 during on call.

**Responsibilities:**

* Worked on Oracle ASM online database Migration from USPV to Xtreme IO Storage.
* Oracle database installations on RHEL 5 Linux Platform, Solaris, AIX, HP UX platforms.
* Worked on upgrading databases from 11g to 12c using DBUA and manual procedure.
* Configuring 11gR2 RAC with 2 nodes, 3 node installations, working with network, storage, and UNIX teams to gather the requirements for Database Builds and delivering them on time.
* Working with Symantec NetBackup Team to schedule RMAN Full level 0, Incremental Backup’s on new database builds and scheduling policies on existing databases.
* Experienced in installing, configuring, and upgrading EnterpriseDB/Postgres databases and clusters.
* Working Knowledge of Postgres connection poolers (pgPool and pgBouncer).
* Configuring Amazon Aurora disaster failover for automatic and no data loss mechanism.
* Working on Amazon cloud databases Aurora for fast replication process more efficient.
* For connecting cloud providers such as Amazon Web Services through Python. I have used Python to connect to AWS. Also, I have tested Python with the cloud-based Snowflake database. I have also connected Python to a MySQL database.
* Ability to install and configure Cassandra database on Red Hat Linux, Amazon Linux AMIs through Docker image, Tarball binary file, Package installation.
* Handling complex problems from Cassandra components like Node, Data Center, Cluster, Commit log, Mem-table, SSTable & Bloom Filter.
* Worked on Cassandra taking snapshots, deleting snapshots, restoring from a snapshot to current/new.
* Worked on Oracle Grid Home and RDBMS Patching. Applying different kinds of patching like PSU, One-Off patches and bug-fixes, CPU patches for multiple security vulnerabilities.
* Monitoring Database Performance tuning through OEM, SQL Advisor, Explain Plan, Hash value changes, SQL Base plan, analyzing AWR's, ADDM, ASH reports.
* Refresh DEV, UAT databases from Production database using Recovery Manager, export and import utilities. Reorganization of database using export/import, manual tablespace reorganization & shrink.
* Building Physical Standby databases, Active Dataguard, resolving archive log gap issues between primary and standby. Configuring scripts to monitor archive gap between primary and standby database.
* Adding targets, promoting databases, registering databases to specific PROD, NON-PROD groups.
* Worked on Cluster upgrade from version Oracle Grid Infrastructure 11.2.0.3 to 11.2.04 in rolling fashion without any downtime.
* Hands on experience configuring, installing, deploying, and maintaining OEM Agents.

**Environment:** Oracle 9i, 10g RAC& 11g RAC, 12c RAC, EXADATA, OEM Grid Control, Sun Solaris, HP-UX, RHEL, Windows 2000/XP, RMAN, TOAD, EXPLAIN PLAN, STATSPACK, AWR and ADDM.

**Belk, Charlotte, NC Jun ’15 to Feb ‘16**

**Sr. Oracle Database Administrator**

**Description:** Worked as an Oracle DBA as well as maintaining Oracle Retail Integration Bus. Supported database refreshes, index rebuilds, tables partitioning, schema creation, roles and privileges.

**Responsibilities:**

* Supported RMS application databases DEV, QA, and STAGING & PROD. Performing L2 & L3 support 24X7 throughout business. Providing On-Call support during the weekends. Supported Belk online databases through various regions like E-Commerce, RMS, and BI publishers.
* Identifying the SQL queries, Bulk loading data loading using DBFS.
* Working on Version control tools like CA Software Change Management to migrate the code to different environments. Migrating the packages and Deploying the PRO\*C and forms files.
* Installation, configuration, and administration of Oracle 11g RAC, 10g RAC and configuring standby Databases for High Availability and Disaster Recovery purpose on RAC environment.
* Partitioning Tables by determining the suitable methodology to improve performance and manageability. Recovering the dropped tables using the Flash Back Technology.
* Wrote the Python script to compile and update designed Oracle functions/procedures and tables in database.
* Responsible for automation of startup, shutdown of database without the involvement of DBA to start the database manually. Effective knowledge of working with System Administrator’s.
* Experienced in using 11g features Data Pump, Flash-Back, AWR, ADDM, Grid Monitoring, and Recycle bin. Remapping the data using Remap Table, Remap Tablespace & Remap Schema.
* Experience in basic and advanced replication and experience in using OEM, TOAD, Data Migrations using export/import, benchmarking using load testing tools.
* Recovery of Database (Recovering from Media Failure, recovering tables dropped accidentally, recovering data files, Recovering from Block Corruption).

**Environment:** Oracle Server 12c/11g/10g/9i, EXADATA, MS SQL server, Siebel, Oracle Goldengate, Veridata, Snap-Shot Cloning, 11gRAC, ASM, OEM Grid Control 12C & 11g, RMAN, Data Guard, Info, SQL Developer, PL/SQL, Sun Solaris, HP-UX, AIX 6.1, Red Hat Linux, SQL\*Loader, Data pump & ERWIN.

**Costco, Issaquah, Washington Jun ’14 to Jun ‘15**

**Sr. Oracle Database Administrator**

**Description:** Worked with Oracle engineering team as part of the database implementation partner at Costco. Involved in creating, maintaining and refreshing multiple databases. Set up backups for databases using COMMVAULT technology to refresh PITR and cloning.

**Responsibilities:**

* 24x7 on-call production database support. Primarily responsible for supporting mission critical databases to resolve the database issues on the time and make sure database up and running.
* Configured **OEM 12c** monitoring tool for more than 500 databases. For proactively monitoring the issues on the databases issues like performance of databases, tablespaces, database growth etc.
* Worked and supported SAP databases like ECC, BRM and CRM applications in refreshes.
* Applying the latest patches like quarterly and one-half patches for Oracle Database to fix bugs which occurred in previous version and applying it using OPatch utility.
* Configuring **11gR2 RAC** databases on **EXADATA**. Cell administration on **EXADATA**.
* Migrating databases from Legacy servers to EXADATA Database Machine.
* Working on Smart Scan and query processing that can be offloaded to EXADATA storage server.
* Using the EXADATA monitoring tools like EXACHK, DIAGTOOLS, ADRCI, IMAGEINFO, and OSWATCHER. EXADATA database patches, cell patch
* Configuring **12c** and **11gR2 RAC** databases on **EXADATA**. Cell administration on **EXADATA**.
* Working on EXADATA Full Rack (8 node RAC) applying quarterly patches in rolling patches
* Mapping EXADATA physical disks, Luns and Cell Disks on the Storage Servers using Cell CLI.
* Configuring RMAN backups for humungous databases to ZBA controllers on EXADATA machine.
* Validating, verifying, diagnosing InfiniBand Network Topology and find out the root cause of issue.
* Manual cluster upgrade from Grid infrastructure 11.2.0.3 version to 11.2.0.4 version.
* Working on huge SAP (**CRM, BW, and Payroll**) database refreshes from Production to all other lower regions using RMAN, Common vault backup recovery tools.
* Working on data storage management, network cost estimation, user roles and privileges, user space management, memory usage estimation for the existing and future expansion requirements.
* Creating cronjobs and AutoSys jobs for **RMAN** and EXPORT/IMPORT backups.
* Building **RAC** databases on Linux/IBM AIX/Sun Solaris with 4 to 6 nodes on 10g/11gR1/11gR2.
* Troubleshooting **RAC** issues like node eviction, network issues and addition of nodes dynamically.
* Responsible for Oracle 9i/10g/11g logical and physical standby database design, implementation and maintenance for production as well as testing databases for Disaster Recovery and switchover.

**Environment:** Oracle 10g R2/11gR1/11gR2 RAC on Sun Solaris/ AIX and **EXADATA**, **Golden Gate**, **Oracle Streams**, **Data Guard**, **EXADATA**, Import/Export utilities, PL/SQL, TOAD, OLTP, LDAP, RMAN, Remedy, Shell Script.

**Blue Cross Blue Shield, Durham, NC Feb ’14 to Jul ‘14**

**Sr. Oracle Database Administrator**

**Description**: I maintained for more than 40 Databases over there at BCBS as a part of DBA activity backup and recovery using RMAN backup and export/import, space management on server, upgraded several databases from Oracle 10g to 11g, daily health report for all database using oracle Grid Control. Working on oracle different products like 8,9i,10g,11g over there.

**Responsibilities:**

* General database Administration - capacity analysis and planning, backups with RMAN, patching, data lifecycle management, partitioning, configuring enterprise manager, creating new databases.
* Perform Root Cause Analysis for production incidents, research solutions and review with senior management.
* Database Administration support (**24x7**) for **large mission critical** production databases
* Database Security Management involves managing **Users, Roles, and Privileges** Expert in **troubleshooting** problems. Providing necessary privileges or roles to users as per the requirement.
* Installation, configuration, and administration of Oracle 11g RAC, 10g RAC, Standby Databases for High Availability and Disaster Recovery purposes.
* Performed Data guard switch over to check the standby database is in SYNC with production as per the business requirement and operated standby database using Data Guard broker.
* Participated in doing schema refresh like taking export of one schema and importing it into another schema using different ways of utility tools like REMAP\_SCHEMA, REMAP\_TABLESPACE.
* Optimization of SQL queries, **PL/SQL**, Stored Procedures, Functions, Database Triggers and Shell scripting and worked with the users to meet business requirements.
* Upgraded production databases from 10g to 11g without downtime using Golden Gate replication.
* Installing and configuration of Golden Gate Veridata on production, development and testing.
* Involved in scheduling file system backup using Net backup or FDR/Upstream.
* Used Data Modeling tools for data message in order to show the output results in different formats using Erwin, Informatica and some other ETL tools Informatica, Cognos and Crystal Reports
* Worked on setting up Data Guard on RAC in Oracle 11g.
* Working in huge Dataware house environment and support ETL tools to extract data.
* Ability to restore and recover databases from file system backup in order to bring it to the original state as per the business or user requirement. I have done Point in time Recovery using RMAN.

**Environment:** Oracle 11g RAC, 10g RAC/9i, IBM AIX, HP-UX, Red Hat Linux, Sun Solaris, Windows XP, SQL\*Plus, SQL\*Loader, SQL Developer, Import/Export, .Net, Java, Data Pump, TOAD, Oracle Data Guard.

**Dex One, Dallas Fort Worth, TX Jul ’13 to Feb ‘14**

**Sr. Oracle Database Administrator**

**Description:** Worked with TCS Database team as a Senior Database Administrator. Supporting several databases BAU activities and resolving on tickets assigned as per the priority. Supported several mission critical databases and configured monitoring setup for 100’s of databases through OEM.

**Responsibilities:**

* Database Administration support (**24x7**) for **large mission critical** production databases
* Installation, configuration and administration of Oracle 11g RAC, 10g RAC, Standby Databases for High Availability and Disaster Recoverypurpose.
* Responsible for Creation and maintenance tablespace, datafiles, redo log files and renaming or relocating of data files on servers based on OFA model.
* **Upgraded** from 9i to 10g, 10g to 11g database and applied critical patches update (CPU) for latest versions. Good experience in managing Very Large OLTP and Data ware housing databases**.**
* Hands on experience on working with Shareplex tool for replicating table level and schema level.
* Troubleshooting Shareplex issues with Quest customer services, replicating tables using where clause. Oracle 10g & 11g Databases maintenance and troubleshooting.
* Good knowledge on replication tools like **Golden Gate** to extract and replicate Databases.
* Installing Golden Gate from scratch as per the business requirement to replicate large and mission critical tables for the production/testing/development environments.
* Migrated applications to the HDS (Hosted Database Services) environment using Golden Gate 10.4.0
* Involved in setting up, maintenance of Standby Database with Data Guard for Disaster recovery.

**Environment:** Oracle 9i, 10g RAC& 11g RAC, OEM Grid Control, Sun Solaris, HP-UX, RHEL, Windows 2000/XP, RMAN, TOAD, RATIONAL ROSE, TKPROF, EXPLAIN PLAN, STATSPACK, AWR and ADDM.

**Rent-A-Center, Dallas, TX Jan ’13 to Jul ‘13**

**Sr. Oracle Database Administrator**

**Responsibilities:**

* **Installation** and configuration of Oracle **9i & 10gRAC** database and Performed DBA tasks
* Supporting large mission critical databases in a **24x7** environment.
* **Migration** of database from Oracle **9i** to Oracle **10g**.
* Working with database **Monitoring** and **Tuning**. Lead efforts to develop and improve procedures for automating monitoring.
* Designed conceptual schemas using **Rational Rose** like Entities, Relationships, and Integrity rules.
* Integrated the Backup status reporting for the entire database in the enterprise to enable the web reporting using Oracle SQL, PL/SQL and korn shells, Unix shell Scripting.
* Cloning of databases from production to development and test databases.
* Performance Tuning of application by identifying the **SQL**, which are not written well, providing inputs to the application programmer, correcting and implementing the right components
* Responsible for **Upgrading** the Databases from 9i to 10g, 9i, 10g to 11g.
* Responsible for SQL query tuning, optimization. **Performance tuning** using tools such as SQLTRACE, TKPROOF, STATSPACK, Explain Plan, AWR and ADDM.
* Automatic Health Monitoring, security, SQL Performance Analyzer.
* Responsible for using **Flashback query** mechanism along with automatic undo management.
* **Refresh/Cloning of Database** from production environment to test environment and application of patches and security patches downloaded from Oracle Meta link.
* Participating in periodic **backup audits**, including test **restores** ensuring all databases and associated logs are being backed-up
* Submitting Tickets using remedy communicating with other groups like **UNIX**, Configuration Team.
* Oracle utilities i.e. **export/import Data Pump, Flash Back Recovery, SQL Loader, Data Guard, ASM** and **OEM.**

**Environment:** Oracle 10g R2/11gR1/11gR2 RAC on Sun Solaris/ AIX and **EXADATA**, **Golden Gate**, **Oracle Streams**, **Data Guard**, **EXADATA**, Import/Export utilities, PL/SQL, TOAD, OLTP, LDAP, RMAN, Remedy, Shell Script.

**CITI Group, Dallas, TX Feb ’11-Dec ’12**

**Sr. Oracle Database Administrator**

**Responsibilities:**

* Part of INM DBA Support team for the Production/UAT databases pertaining to various entities of the CITI Credit Card databases. Involved in designing and creating the Oracle 9i database.
* 24x7 support for Critical Applications on Global Banking and Check Transaction System.
* Installed and Configured Oracle 9i/10g on different operating systems.
* Worked as Production Support for Oracle based systems and **UNIX based Server environments.**
* Managed Users access control and security by creating appropriate roles and profiles.
* Implemented automated backup strategy using the **UNIX shell script and CRON Utility**.
* Used **SQL\*Loader** to load data from flat files to Oracle database.
* Created database links for data transfer to support distributed transactions.
* An online performance monitor examines information as transactions are processed, and immediately points to trouble spots using **OEM Grid Control.**
* **Migration** of database from Oracle **9i** to **10g**. Performed Backup and **Recovery using RMAN.**
* DBA activities including creation, management, startup and shutdown of Oracle databases, management of data files, redo log files, control files, tablespace, segments, extents and data blocks & physical storage, creation, monitoring and management of database users, granting/revoking of system/object privileges, management of roles & resources and setting of init.ora parameters.

**Environment:** Oracle **9i, 10g**, HP-UX, Red Hat Linux, RMAN, TOAD, Data Pump, EXPLAIN PLAN, STATSPACK, TKPROF.