

JESSICA CLAIRE

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SUMMARY

Over 10 years aggregate IT experience and 8 years of experience driving excellence in the management and configuration of large, highly available systems across multiple business locations. Seeking the opportunity to use expertise across various IT platforms to ensure strong end user support and quickly resolve server issues. Stressful conditions where speed and accuracy are necessary for mission critical databases. My attention to detail and the ability to maximize system resources can be beneficial in the following areas.

- * Database creation
- * Backup and recovery
- * Monitoring and Performance tuning
- * Database Upgrade and Migration
- * Data and database integrity and security
- * Oracle Enterprise manager Cloud control 12c
- * Oracle High Availability Architecture (HA) involving Oracle RAC and DataGuard
- * Golden Gate Replication and maintenance
- * Extensive knowledge of Oracle Fusion Middleware Applications
- * Configure and manage Ms Sql Server 2008 R2 , 2014 and 2016 Database systems

EXPERIENCE

SR DATABASE ENGINEER/ADMINISTRATOR, 09/2014 - Current

Chickasaw Nation Industries – Montgomery, AL

- Work as part of a project team to coordinate database development and determine project scope and limitations.
- Develop methods for integrating different products so they work properly together such as customizing commercial databases to fit specific needs.
- Upgraded DEV/QA, Testing , Preprod and Production databases from 11.2.0.3 and 11.2.0.4 to 12.1.0.2.
- Loading data from flat files to database using SQL.
- Loader, External Tables.
- Installation, up gradation, configuration and troubleshooting Golden Gate 11G/12C software.
- Configured Golden Gate components for unidirectional and bidirectional replications and maintain data synchronization.
- Configure Oracle Enterprise manager Cloud control 12c and setup monitoring on the entire DEV, QA, TESTING,PREPROD and PROD environment.
- Applying PSU and CPU patch on all oracle database servers as well as patching the OEM box which includes patching the OMS and the AGENT and Repository which make up the components for the OEM 12c.
- Performed Zero Downtime Database Data Center Migration using Golden Gate and Data Guard.
- Extensively used AWR, ADDM and explain plan for periodic performance tuning.
- Implementing Data pump, conventional export/import utility of Oracle 11g, 10g for re-organizing Databases/Schemas/Tables to improve the performance.
- Used import/export utilities for cloning/migration of small sized databases and Data pump import/export to move data between 10g, 11g and 12c environments.
- Involved in construction of DR sites for all the Production environments.
- Installed 12c databases and worked on Multitenant databases.
- Successfully performed data replication using Materialized views and Oracle Streams in Oracle 11gR2.
- Cloned/Migrated databases using RMAN and traditional Data Pump export/import utilities in Oracle 11gR2.
- Implemented recovery strategies whenever required and successfully recovered databases in case database crash, media/disk failures by using RMAN.
- Scheduling the Physical backups (hot & cold) in CRON tab using RMAN utility and monitoring the scheduled jobs.
- Install and configure block change tracking to work with RMAN Merged incremental backups.
- Applied patches 10g R1&2, 11gR1&2 and 12c both container and pluggable databases.
- Performed Database Refresh from Production to QA, UAT and Development databases.
- Experience using EXPORT/IMPORT utility for backups and to do table level and full database defragmentation.
- Responsible for taking hot backups and logical backups at schema, tablespace and database level.
- Applying CPU/PSU patches, Oracle patches, Release upgrades, ONE-OFF patches.
- Configured Physical Standby database using Oracle DATAGUARD for Disaster recovery.
- Implemented table partitioning and sub-partitioning to improve performance and data management.
- Extensive use of Crontab in UNIX environment for scheduling routine tasks and writing shell scripts to automate the data loading.
- Created a Clone Database using RMAN on remote Server and used SRVCTL commands for Real Application Cluster (RAC) Databases Successfully implemented Backup & Recovery using RMAN which includes hot backups and Cold backups.
- Assist in SQL tuning and providing consultation such as creating Materialized views, adding indices, dropping unnecessary indices, using hints wherever possible, among others.
- Worked on both VMS and UNIX environments.

T-MOBILE TELECOMMUNICATION, 09/2011 - 09/2014

ORACLE DATABASE ADMINISTRATOR – City, STATE

- Identify and evaluate industry trends in database systems to serve as a source of information and advice for upper management.
- Review workflow charts developed by programmer analyst to understand tasks computer will perform, such as updating records.
- Applied Bug fixes patches and Quarterly Security Patches for the stand-alone databases and 2- node RAC databases with in the maintenance window.
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- Performed Installation and configuration of Oracle 10.2.0.1 database on HP-UX platform.
- Installed Oracle 10g and 11gR1,11gR2 database on HP-UX 11.0, Redhat 6, IBM AIX 5.1, 5.2, 6.1.
- Applied Bug fixes patches and Quarterly Security Patches for the stand-alone databases and 2-node RAC databases with in the maintenance window.
- Installed RAC/GRID Infrastructure on Oracle 10g,11g and worked on ASM feature of Oracle on HP-UNIX/LINUX.
- Worked on the ACFS file system and scheduled backup using RMAN on ACFS file system sharing between the nodes.
- Maintained a 2-node RAC environment on LINUX AS 4.0(RHEL) for the staging purpose to support the business requirements and provide High Availability.
- Upgraded DEV/Qa and Production databases from 11.2.0.3 to 12.1.0.2.
- Upgraded the databases from 10gR2 to 11gR2 and upgrade from 11.2.0.3 to 11.2.0.4.
- Installed and configured golden gate for replication.
- Managed DSS (Decision Support System) and OLTP (On Line Transaction Processing system) full life cycle projects with multiple databases at one time, biggest database around 30 TBytes.
- Responsible for Database Backup and Recovery, daily monitoring of database & network issues.
- Deployed Grid Control to monitor and manage all the databases on clients.
- Worked on the Load Balancing issues on the Server side by creating the services.
- Extensive Performance Tuning, Memory (SGA) Tuning, Net backup, EMC (Time finder and SRDF), RAID, RAW Devices.
- Provided instance level performance monitoring and tuning for Event Waits, Sessions, Physical and Logical IO and Memory Usage.
- Handling large database environments (Data warehouse) using Oracle Enterprise Manager (OEM) on daily basis observing the performance of the production database and constantly active regarding performance and space management issues and accordingly providing recommendations to make database healthy and running.
- Experience in Data Modelling concepts like Data Vault and also in Advance security like DB Auditing, Labeling.
- Data loads using SQL.
- Loader and refresh the test environments using Data Pump export/import.
- Monitoring the databases using CloudControl (OEM) including but not limited to Space Management, Performance Tuning, and Workload Analysis (AWR, ADDM).
- Involved in setting up disaster recovery sites using Data Guard technology.
- Configuring the Physical Standby, active data guard and snapshot standby database.
- Used Shell Scripts to automate database operation and schedule jobs using CRONTAB.
- Created and managed the RAC clustered databases on Solaris and HP-UX used ASM.

ORACLE DATABASE ADMINISTRATOR, 07/2009 - 09/2011

GLOBAL HEALTHCARE SERVICE – City, STATE

- Work as part of a project team to coordinate database development and determine project scope and limitations.
- Write and code logical and physical database descriptions and specify identifiers of database to management system or direct others in coding descriptions.
- Installation and Configuration of Oracle 12c Multitenant container and pluggable databases with Flex Cluster and Flex ASM.
- Configured GoldenGate Downstream Mining and Integrated components for Active-Passive and Active-Active replication.
- Installed and configured GoldenGate Agent to work with OEM GoldenGate Plugin.
- Monitoring space, wait events, locks and long operations running on the database.
- Monitoring the session waits for the database performance and resolving the performance issues.
- Monitoring the database for growth and added space to the table spaces as per demand.
- Creating and scheduling Oracle backend process jobs in Crontab.
- Handled all standard database administrative tasks, such as proactive performance tuning and monitoring, troubleshooting on an as needed basis.
- Implement and troubleshoot Oracle Cloud Control 12c and multiple Agent deployments.
- Monitored daily backups using RMAN and Export/Import.
- Establish refresh jobs for test databases using Export-Import and RMAN DUPLICATE option.
- Moving large amount of data Administered (12c RAC) environments adding and removing nodes to the cluster and handled performance tuning using AWR.
- backups.
- Refreshing Dev and Test instances with data from Production on a regular basis.
- Developed PL/SQL packages, DML, DDL, Oracle tables, Stored Procedures, functions, cursors, triggers and UNIX shell scripts.
- Knowledge in Oracle Data warehouse DBA skills relating to administration and management of VLDB environments, Oracle OLTP.

Hardware Maintenance Engineer, 2005 - 04/2008

PAUL'S COMPUTER CYBER CENTER – City, STATE, Cameroon

- Managing and repairing PCs.
- Installing hard drives on all computer systems.
- Troubleshoot and maintain PCs, Laptops, Servers, Printers, Plotters, Scanners, Projectors and various Network devices.
- Assist in designing, implementation and configuration of Wireless and Wired networks (Copper & Fiber Optic).
- Prepare maintenance manuals for laptops, desktops and server systems.
- Provide support for IT Hospital's day to day activities with different, internal and external departments/parties, to ensure its smooth operation and adherence to all procedures and QOS approaches/procedures & standards.
- Provide best hardware maintenance practices to maximize output, ensuring quality with time efficiency through practical skills & conceptions on basic electrical circuitry or electrostatic concepts, Safety procedures with local standard, equipment handling and other Safety procedures.
- Upgrade own technical capability through maximum available resources, attend & Provide training as and when required.
- Perform all lines of work and other assignments including on-site, inside company Premises or inside /outside city with best Customer Supporting Practices as required.
- Maintain a pool of required hardware spares.

EDUCATION AND TRAINING

Bachelor's degree: Biology

UNIVERSITY OF BUEA

Biology

SKILLS

Oracle Real Application Clusters (RAC), Data Guard and VMware Technologies, VM box, Automatic Storage Management (ASM), Oracle Enterprise manager cloud control 12c* Oracle Tools: Data Pump, Export/ Import, Oracle Universal Installer, Database Configuration Assistant, Database Upgrade Assistant, SQL*Plus, Apex and iSQL*Plus, Oracle Grid Control (OEM), DataGuard, RAC ,Oracle Net Manager, Recovery Manager, Drupal, Linux including Linux scripting skills, Oracle Security Label (OSL), Virtual Private Database (VPD),

LINKEDIN

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