# **PETER EPHANGA OCA_ODb11gAdmin_clr**

# **Oracle Database Administrator**

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I have over **Five and half years** of hands-on experience as an Oracle Database Administrator. I am very comfortable supporting a full system development life cycle. Worked with Oracle **9i, 10g and 11g** versions where database administration duties involved production support, installation, configuration, **upgrades, patches, migration, backup and recovery, performance tuning,** **cloning,** **space management** and **security.**

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| **TECHNICAL PROFICIENCIES:**  **Tunning Tools :**  **TKPROF, EXPLAIN PLAN, STATSPACK, AWR, and ADDM.**  **Languages :**  **SQL, PL/SQL, UNIX Shell Scripting, PERL.**  **Tools and Utilites:**  **RMAN, OEM, SQL\*Loader, EXP, IMP, Data pump,, TOAD, Oracle SQL Developer.**  **RDBMS :**  **Oracle 9i, 10g, 11g**  **Operating Systems :**  **HP-UX 10.x, 11.x. Sun Solaris 2.5, 2.6, 8, 9, 10. AIX 5.1, 5.2, 5.3, 6.1 RHEL 2.1, 3.x, 4.x, 5.x.Linux Enterprise Server 9, 10. Windows 95/98/NT/2000.** | **SKILLS SUMMARY**   * Highly Experienced in **Hot/Cold Backup and Recovery** and Cloning of databases using **RMAN**. * Worked on Data transferring with **export/import** utilities and **Data pump**. * Highly experienced in performance monitoring/tuning/troubleshooting. * Oracle Database performance-tuning services with **EXPLAIN PLAN, TKPROF, STATSPACK, SQL TRACE**. Applying patches under **UNIX** platform. * Planned and implemented high availability solutions such as **Real Application Cluster (RAC)** in **Oracle 11gR2 Grid and 10g on ASM and OCSF2** file systems**.** * Extensively implemented **Datapump, conventional** **Export/Import (Oracle 11g, 10g)** for **migration** and **logical backup** of database. * Strong skills in applying **security patches** (**Patch set, Critical Patch Updates (CPU) / Patch Set Updates (PSU), One-off Patch**) using “**runInstaller**” and perl based utility “**opatch**”. * Highly experienced in implementing Oracle's **Transportable Tablespace** (TTS) feature using **Datapump** **Export/Import (Oracle 11g, 10g)** allowing users to quickly move a user Tablespace across Oracle databases. * Expertise in implementing **data refreshes** (at database, schema & table level) using **RMAN** utility and **Datapump, conventional Export/Import of Oracle 11g, 10g**. * Implemented Hot/Cold physical backups (Incremental and full), **cloning, duplicating** of databases using **RMAN** with **VERITAS Net Backup & IBM TSM.** * Experienced in using 10g features like **10g RMAN, Data pump Flash-Back Recovery and ASM.** * Knowledge of **Database Recovery Techniques** and implementation of those recovery techniques to ensure business continuity. * Expertise in maintaining **Database Security** using auditing. * Experience in **Data Migrations.** * Highly experienced in **Oracle 11g, 10g** **Automatic Storage Management** (**ASM**) required to fulfill the storage needs. * Installed, configured and maintained **Physical, Logical, Active** standby databases supported by **Data guard** on **Oracle 11g, 10g** **RAC** servers for the purpose of disaster recovery procedures. * Configured **Manager, Replicate and Extract** processes and implemented **unidirectional**, **bidirectional** replication using **Oracle** **11g Golden Gate on RHEL 5 platform**. * UNIX shell scripts for hot backups, SQL\*Loader, export and import of database. * Proficient with **Database Cloning, Migration, and Patching** of Oracle Databases. * Installed Oracle **11g with** **ASM** and **OCFS2** File systems. * Extensive Experience with **RMAN Backups, Hot Backups and Logical Backups**. * Experience in doing **upgrades** including **maintenance & monitoring** implementation. * Extensive knowledge in **UNIX** platforms includes **HP, SOLARIS, AIX**, and **LINUX.** * Knowledge in configuring **ASM (Automatic Storage Management)** * **UNIX** Systems Administration - Database and application integration efforts. Heavy **UNIX shell scripting, CRON jobs**.   **PROFESSIONAL EXPERIENCE**  **US CENSUS BUREAU Feb ‘2015 - Present**  Oracle Database Security Administrator   * Experience on working with **data guard** physical/logical standby databases. * Used **Data Pump for export and import.** Wrote scripts for Backup of databases, maintenance of **archive logs** for databases. Streamlined backup procedures and implemented RMAN for backup and **disaster recovery.** * Database Refreshing / **Replication** from production to testing **using Exp/Imp**. * Created logical and physical design installed and **upgraded** databases. * 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. * Applying upgrade patch, maintenance and interim (**opatch**) patches on all the databases. * 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.       **INFOSYS LTD March ’14 – Present**  **Sungard Availability Services, PA**  Oracle Database Administrator-Consultant   * Successfully implemented **Disaster Recovery solutions** for different oracle database environment using **RMAN**, **COMMVAULT**, and **User managed systems** * Efficiently performed installation, setup and creation of four node cluster **RAC** with **Oracle** **11.2.0.3** database using **GRID** infrastructure with **ASM** file systems on **RHEL 5.5.** * Maintenance of **Oracle 11gR2 Real Application Cluster (RAC) Database** for **High Availability, Scalability** and Performance by determining the best Cluster architecture, choosing the best hardware configuration for **Oracle RAC.** * Successful in installation/maintenance of **Physical Standby** database using **Oracle** **Data Guard** for **Oracle 11.2.0.3** and **Oracle 10.2.0.5** **RAC** databases. * Implemented **switchovers** on primary and standby databases as a part of planned maintenance activities. * Evaluated **Oracle 11gR2 Golden Gate** for future purposes that is for reducing the complexity involved in Oracle Streams. * Configured **Oracle Streams** on **Oracle 11g, 10g** databases for data replication and monitored them using **Grid Control.** * Used **RMAN CATALOG** to recover databases from different critical systems in a timely fashion based on **SLA** * Implementing **Datapump, 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 databasesand **Datapump import/export** to move data between **9i and 10g/11g** environments. * Automated the processes like moving files, managing alert log, efficient backup by developing **UNIX** scripts. * Involved in the installation, configuration and extended support to **Oracle 11g, 10g** two Node **RAC (Real Application Cluster)** with ASM file system on **AIX platform**. * Involved in converting Oracle **11g, 10g RAC** to single instance databases to databasesfor disaster recovery solutions * Installed **ASM** environment and migrated databases from **NON-ASM** to **ASM** and vice versa. * Used **PUTTY** for database management. * **24 X 7** Production & Development database support and administration.   Environment: Oracle 11.1.0.7, 10.2.0.5, IBM AIX V6.1, RHEL 5.2, RAC, ASM, RMAN, AWR, COMMVAULT, SQL\* Plus , PUTTY.  **BI Performance Services, MN Jun ’10 – Mar ’14**  Oracle Production Support Database Administrator   * Installation and configuration of **Oracle database 9i (9.2.0.4), 10g (10.2.0.1)** on various OS platforms like **HP-UX, Linux, and Windows NT, 2000** * Monitored Customer Databases, physically located in U.S and Remote administration of **fifteen Production Databases in UNIX environment** * Performance tuning of application and database, identification and resolution of contention, defining and implementing **Backup Recovery policy, and day-to-day monitoring** of the Production database * Worked on the **physical and logical** designing of the database, which includes the distribution of data- files on different disks * Controlled and monitored user access to the database. Optimized the performance of the database. **Tuned SGA** data dictionary and set database parameters * Defined and implemented database backup and security strategies, tested the backups periodically for consistency and reliability * Identified long-running database queries, refining queries for better performance, and working with end- users to implement changes * Created primary database objects (tables, views, indexes) once application developers have designed an application * Worked with **Oracle Diagnostics tools such as Explain Plan, SQL Trace**, **TKPROF** Used to analyze timing and **execution plan for SQL query to tune the SQL statements** * **Reorganized data files**, identified and eliminated contention factors like I/O, buffers and locks * Allocated the **separate rollback segments** for the Batch processing jobs in order to speed up processing * Reorganized data files, identification and elimination of contention factors **like I/O, buffers and locks**   Environment: HP-UX, Windows, Oracle 8i, 10g , SQL, PL/SQL, SQL plus, TOAD  **Walgreens, Deerfield, IL Mar ’08 – Jun’10**  Oracle Database Administrator   * Designed, developed and maintained UNIX shell scripts to collect and monitor database metrics and **Statspack snapshots and reports**. * Performed **Table Partitioning**, created Index Organized tables and Locally Managed Tablespaces. * Monitored and provided **weekly reports** on the server’s memory, disk and CPU I/O using HP tools and **UNIX command-line** utilities. * Planned and configured disk layout, mount points and capacity requirements for servers. * Provided maintenance of **user accounts, privileges, profiles and roles**. * Involved with OLTP relational databases system analysis, design, implementation and management. * Upgrade/**Migration of Databases from Oracle 9i to 10g, Cross platform migration from different platforms**. * Administered (10g RAC) environments adding and removing nodes to the cluster and handled performance tuning using AWR. * Supported off-hour on call support for database related issues. * Supporting multiple databases for production, development, test and staging purposes on **Sun Solaris and Windows** environments. * Utilized **Grid Control** to administer **multi-node RAC** database also managed redo and undo in the RAC environment. Load balancing of RAC instances. * Initiated 10g new feature implementations such as Automatic Storage **Management, RAC, Flashback features, DBMS** Scheduler, ASSM and ASMM to improve performance and manageability. * Implemented the Oracle **10.2.0.3** Physical Data Guard in Maximum performance mode for production system in case of disaster recovery, maintained primary and standby databases. * Applied Patches on RAC, Standalone, Standby databases based on the requirements. * Evaluated mix of backup and recovery methods based on organizational needs. Implemented, tested and documented various **backup/recovery** scenarios for knowledge base. * Experience on working with **data guard** physical/logical standby databases. * Used **Data Pump for export and import.** Wrote scripts for Backup of databases, maintenance of **archive logs** for databases. Streamlined backup procedures and implemented RMAN for backup and **disaster recovery.** * 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. * Experience in writing UNIX/SHELL scripts for providing the reports. * Installed and **configured Oracle 11g database on a test server using Oracle standard procedures and OFA**, for performance testing and future 10g production implementation.   Environment: **Oracle 10g/11g RAC/9i**, VMS, Sun Solaris, Windows Server 2003, Red Hat Linux, TOAD, RMAN, SQL server, OEM.  **EDUCATION**   * **MBA in Healthcare Management Virginia International University, VA** * **Bachelor Degree in Law University of Buea, Cameroon** * **Oracle Certified Associate** |
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