# **OCA_ODb11gAdmin_clr**

# **Chetura Turner**

# **Oracle Database Administrator**

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I have over **10 years** of IT experience and **7+ years** of hands-on experience as an Oracle Database Administrator. I possess complete life cycle knowledge including Installation. Worked on Oracle **18c, 12c,** **11g, 10g and 9i** versions involving database administration, production support, installation, configuration**, RAC, ASM, DataGuard,** **Upgrades, Database Capacity Forecasting, Patches, Migration, Backup and Recovery, Performance tuning,** **Cloning**, **space management**, **Data Pump**, **security and database monitoring using OEM Cloud control 12c and 13c.**

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| **SKILLS SUMMARY**   * UNIX shell scripts for hot backups, SQL\*Loader, export and import of database. * Developed efficient SQL, PL/SQL, Python, and Shell scripts to automate administration tasks. * Proficient with **Database Cloning, Migration, and Patching** of Oracle Databases. * Installed Oracle **11g with** **ASM** and **OCFS2** File systems. * Planned and implemented high availability solutions such as **Real Application Cluster (RAC)** in **Oracle 18c, 12c,** **11g, 10g on ASM and OCSF2** file systems**.** * Highly experienced in **Oracle 18c, 12c,** **11g, 10g Automatic Storage Management** (**ASM**) required to fulfill the storage needs. * Storage integration using IO management. * Complex incident and problem resolution (tier 3 support), including application and infrastructure performance problem investigations. * Installed, configured and maintained **Physical, Logical, Active and Snapshot** standby databases supported by **Data guard** on **Oracle 11g, 10g** **RAC** servers for the purpose of disaster recovery procedures. * Installation, training, maintenance and support of Oracle Middleware including weblogic, forms OBIEE. * Expertise in implementing **data refreshes** (at database, schema & table level) using **RMAN** utility and **Datapump, conventional Export/Import of Oracle 18c, 12c,** **11g, 10g** * Implemented Hot/Cold physical backups (Incremental and full), **cloning, duplicating** of databases using **RMAN** with **VERITAS Net Backup & IBM TSM.** * Highly Experienced in **Hot/Cold Backup and Recovery** and Cloning of databases using **RMAN**. * 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.** * Experience in **SDLC Methodologies** * Performed Upgrade and Migration of Oracle databases from oracle **10g to 11g & 12c, 18c.** * Applied **PSU/CPU Patches, ASM Patches, Grid Infrastructure Patches, Online Patches, one-off Patches and rolling patches.** * 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)** * Extensive Experience with **RMAN Backups, Hot Backups and Logical Backups**. * Extensively implemented **Datapump, conventional** **Export/Import (Oracle 12c, 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 12c, 11g, 10g)** allowing users to quickly move a user Tablespace across Oracle databases. * 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. * **UNIX** Systems Administration - Database and application integration efforts. Heavy **UNIX shell scripting, CRON jobs**.   **PROFESSIONAL EXPERIENCE:**  **AT&T, Dallas, TX Sept’17 to Present**  Sr. Oracle Database Administrator   * Supporting multiple databases backup and recovery with **RMAN Utility** for production, development, test and staging purposes on linux, **Solaris and Windows** environments. * Implemented a solid **SDLC Methodology** * 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.** * Rebuilding Indexes and gather statistics on tables on different databases on a regular basis to gain database performance using DBMS\_STATS package * Successfully upgraded the databases from **11g to non CDB 12c.** * Successfully **migrated 12c Non CDB databases to pluggable databases**. * Created Oracle Wallets and implemented Tablespace level TDE security. * Successfully setup 4 node Primary RAC with 3 node physical standby for new application in 11GR2. Tuning the Databases for optimization using **AWR, ASH, ADDM, STATSPACK, Explain Plans and TKPROF, Estimating Table & Index Size.** * Utilizing Enterprise manager to monitor alerts, schedule jobs, monitor **SQL loads, generate AWR reports** * Configured Oracle Data Guard to ensure disaster recovery, high availability and data protection. * Database monitoring and performance tuning using **OEM GC, AWR and ADDM, ASH, SQLT, TRCA, SQL Access Advisor, SPM,** * Automated the **Data Replication** process using **Materialized Views** for reporting databases. * Used **Oracle Enterprise Manager** (OEM) **11g** **Grid Control** for monitoring multiple database and notification of database alerts, and configured EM agents on multiple database servers. * 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. * 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.** * Thorough knowledge in setting up infrastructure for databases in huge datacenters. * Installed **Oracle 11g on Linux platform using ASM**. * **Successful in applying RDBMS patches,** security patches for improving the security and functionality of the databases. * 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 proactive monitoring using **Tuning Pack**, **Diagnostics Pack**, and **STATSPACK, SQL Trace & TKPROF, EXPLAIN PLAN.** * Database monitoring/maintenance, replication process and performance tuning are done using **OEM (Oracle Enterprise Manager).**   Environment: **Oracle 11g/12cRAC/9i**, VMS, Sun Solaris, Windows Server 2003, Red Hat Linux, TOAD, RMAN, SQL server, OEM.  **Boeing, Dallas, TX Nov ’14 – Aug’17**  Oracle Database Administrator   * Successfully installed and configured **Oracle 11.1.0.7, Oracle 10.2.0.5** databases on **AIX platforms**. * Monitored different databases and application servers using **Oracle Enterprise Manager** (**OEM**) **10g** **Grid Control**. * Experience **Oracle 11gR2 Golden Gate** for the purposes of **DATA REPLICATION** that is for reducing the complexity involved in Oracle Streams. * Also involved in the configuration of **Golden Gate Technology**. * **Loading data from flat files to database using SQL\*Loader, External Tables.** * 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 a single instance database to Oracle **11g, 10g RAC** databases**.** * Installed **ASM** environment and migrated databases from **NON-ASM** to **ASM**. * Used **TOAD** for database management. * Made optimal use of **Oracle Support** inresolving the SRs. * **24 X 7** Production & Development database support and administration. * **Extensively used AWR, ADDM and explain plan for periodic performance tuning.** * 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/12c**  environments. * Implemented proactive monitoring using **Tuning Pack**, **Diagnostics Pack**, and **STATSPACK, SQL Trace & TKPROF, EXPLAIN PLAN.** * 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. * Applying upgrade patch, maintenance and interim (**opatch**) patches on all the databases. * Implemented **Flashback** technology of the **Oracle 12c, 11g, 10g** along with **Recyclebin** for a faster recovery of the databases and database objects. * Performed full & incremental backup (cumulative and differential) using **RMAN** and implemented recovery strategies. * **Refreshed/cloned** databases using **RMAN** utility. * **Performed Database upgrade from Oracle 9i (9.2.0.7) to Oracle 10g (10.2.0.5) and to Oracle 11g (11.1.0.7) RAC database.** * **Successful in applying RDBMS patches,** security patches for improving the security and functionality of the databases. * **Achieved optimized performance for the databases by rebuilding indexes, on tables and indexes.**   Environment: Oracle 11.1.0.7, 10.2.0.5, IBM AIX V6.1, Suse and Linux, RAC, ASM, RMAN, AWR, ADDM, SQL\* Plus , SQL\*Loader, OEM, TOAD 10.0.  **PNC Bank, Pittsburgh, PA Jan ’11 – Nov ’14**  Jr. Oracle Database Administrator   * 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** * Controlled and monitored user access to the database. Optimized the performance of the database. **Tuned SGA** data dictionary and set database parameters * 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** * 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. * 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.** * 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 * Monitored Customer Databases, physically located in U.S and Remote administration of **fifteen Production Databases in UNIX environment**   Environment: HP-UX, Windows, Oracle 8i, 10g , SQL, PL/SQL, SQL plus, TOAD  **Masters in Health Administration Management**  **Kaplan University**  **USA** |
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