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Senior Oracle Developer
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Senior Oracle Developer – Cendien – Oracle Experts

Oracle Professional Services

- Around seven years Experience as ORACLE DBA (WITH 8i,9.2,10g) whole life cycle of database administration as well as installation and production of different environments like HP- UX (HP PARISC) ,SUN SOLAERIS, UNIX ,LINUX,AIX, and windows2000/NT.
- Efficient in Performance Tuning of database, instances, SGA, I/O, and Rollback segment using different methods and detecting locks and also Efficient in SQL query optimization using Explain Plan, Utlbstat/Utlestat, TKPROF reports, gathering statistics, pinning the objects, and running scripts.
- Installation and Configuration of Oracle 10g Real Application Clusters (RAC) on multiple nodes with Automatic Storage Management (ASM).
- Experience in Upgrade and Migration of oracle database with version as well as other platforms using Oracle Data Migration Assistant
- Experience of installing, patches, TAR support. With database creation, tuning/reorganization, cloning, backup/recovery, user and security management, auditing, general troubleshooting, and configuring servers.
- Designed and implemented backup and recovery strategies
- Installed and configured Oracle 9i (9.2.0.1.0) Database on HP-UX and Linux advance Server on Development, Test and Production Systems.
- Supported the system 24x7. Ability to work beyond regular hours.
- Experience in K-Shell scripts and PL/SQL procedures with Design logical and physical Data Models using ERWIN forward-engineered into DDL and executed on large scale to create database. Skills in functions, stored procedures, and Triggers.
- Efficient in using RMAN, methods like PITR and full/ partial export/import and Data Pump.
- Troubleshooting Database performance using Automated Workload Repository and Automatic Database Diagnostics Monitor .
- Responding and working with Application Development teams.
- Extensive understanding of Data warehousing concepts.
- Configured and Maintained Physical Data Guard for High Availability and offline reporting.
- Maintained and Monitored multiple databases using Oracle Enterprise Manager.
- Experience in full life cycle of data base administration. Worked both as a development and production support DBA.
- Installed physical stand by data base using Oracle Data Guard feature for High availability configuration.
- Excellent communication and interpersonal skills.

Oracle Technical Skills

- **DBMS**: Oracle 8i, 9i, 10g, MS Access.
- **OS**: Windows NT, XP, 2000, 2003 Server, DOS, AIX 5.2, Linux.
- **ERP**: PeopleSoft, Oracle Applications Release 11i.

- **Tools**: Oracle Supplied Options, Oracle Enterprise Manager, Migration, Forms, TOAD, SQL Loader, PL/SQL Developer, SQL Developer, Power Builder, Erwin, DB Artisan.
- **Languages**: SQL, PL/SQL for Oracle, C/C++, FORTRAN, MATLAB, VHDL, XHTML

Oracle Clients / Experience

Healthcare Client
Sr. Data Warehouse / Oracle DBA

The Enterprise Data Warehouse (EDW) DBA team provided design, implementation, and maintenance of data warehouses across mid tier and mainframe platforms in support of DSS, BI and ETL partners to make informed financial decisions, and to improve business practices.
Our EDW team consisted of 3 DBAs and actively managed 100+ of very large data marts, supporting 30+ DSS and BI functional applications nationwide. These data marts enabled end-users to query historical data relating to health insurance accounts, financial and consumer transactions, and hospital and clinical operations.

Responsibilities:
- Installed, configured and maintained of Oracle 10g, sizes from 2TB to 65TB.
- Migration from 8.1.7.4 and 9.2.0.5 to 10.2.0.1 and upgrade to 10.3 on AIX 5L.
- Configured and maintained RAC with ASM on 4 nodes in a test environment.
- Used SQL Trace and TKPROF for tuning and reporting of trace files.
- Troubleshoot performance issues using Automated Workload Repository (AWR) and Automatic Database Diagnostics Monitor (ADDM). Tuned database for optimum performance via memory tuning and instance tuning, and business user/developer PL/SQL packages/ procedures as per their requirements.
- Troubleshoot hanging queries and SQL packages of business users and helped determine blocking locks, deadlocks, and suggestion to improve performance in all data marts.
- Changed initialization parameters to enhance performance tuning of data marts in staging, therefore resolving issues existing for the past 5 years.
- Designed and implemented database security using roles, privileges, procedures, tables and indexes, their corresponding views, synonyms and fine grain access as per company and DBA rules.
- Wrote PL/SQL stored procedures, packages, and triggers, and modify complicated SQL queries to generate necessary output as per business logic.
- Used SQL *Loader extensively for manipulating the data during the ETL loading process.
- Coordinate with Oracle using TAR for database issues/ problems; apply required patches and RDA on production systems; support with Service Requests (SRs) as they relate to problems.
- Implemented database backups and disaster recovery strategies using RMAN and Data Guard.
- Error handling using PL/SQL, alert.logs, and remedies based on ORA errors.
- Organizing daily database operations - installation, creation, configuration, laying out database tables and database schema design, startup and shutdown of Databases
- Setting up init.ora parameters, maintaining Data Files, Control Files, Redo Log Files, managing tablespaces, segments, indexes and managing Undo space.
- Create and maintain materialized views, their daily refresh and their query tuning.

- Capacity planning and management of space on all DSS production, staging and development AIX servers.
- Install and upgrade customized business analytics software - Alliance 3M DSS Medical.
- Determined and troubleshoot network latency and memory paging issues on the server, affecting the databases, and create necessary Service Requests/RFC.
- Monitor weekly backups, schema and table refreshes, and relevant database alerts via shell scripts.
- Interact with end business users, including HR, supply chain, financial analytics, and translate their business requirements to development and maintenance of Oracle data warehouses.
- 24x7 production support DBA working on a primary/ secondary pager rotation; and supported on holidays, weekends and beyond regular hours

Environment: Oracle 8i/9i/10g, AIX/UNIX, Windows NT/2000 Terminal servers, TOAD, OEM, PL/SQL Developer, DB Artisan, SQL*Loader, Partitions, Data Pump

Financial Client
Sr. Oracle DBA (Production Support)

The Enterprise DBA group provided the design, implementation, and maintenance of production databases in support of financial partners to make informed financial decisions, and improve business practices. The team consisted of 7 DBAs and maintained 20+ of very large databases supporting 10+ BI applications. Provided Production Support to system analysts and end users on technical issues. Database sizes ranged from 500GB to 15 TB. I involved in installation, tuned, upgraded, maintained and trouble shoot. Optimization of Data warehouse performance and Design Future estimation data Growth.

Responsibilities:
- Designed and Implemented database security using Oracle roles and privileges.
- Successfully implemented physical standby database using Oracle Data Guard feature for High availability configuration.
- Deployment of Oracle reports in a 3- Tier architecture.
- Involved in performance monitoring and tuning of the database by fine tuning the database implementation. And also Performance tuning of PL/SQL queries and advising the application programmer of the opportunities in tuning the application
- Integrated the Backup Status Reporting for all the databases in the enterprise to enable the web reporting using Oracle SQL, PL/SQL and Korn Shells.
- Involved in disaster recovery planning; detailed out the processes and procedures of implementing disaster recovery; implemented database backups and disaster recovery strategies using RMAN
- Install and configure LDAPR System database for planning data.
- Troubleshoot Database performance issues using Automated Workload Repository (AWR) and Automatic Database Diagnostics Monitor (ADDM). Tuned database for optimum performance.
- Designed and Implemented database security using Oracle roles and privileges.
- Successfully implemented physical standby database using Oracle Data Guard feature for High availability configuration.

- Deployment of Oracle reports in a 3- Tier architecture.
- UNIX Shell scripting, & PERL for backup and monitoring of databases.
- Implemented security protocols for the database.
- Provided 24x7 on-call supports. Willingness and flexibility to work beyond regular hours based on business demands.

Environment: Oracle 10g, AIX/UNIX, Windows NT/2000, TOAD, OEM, PL/SQL Developer, SQL*Loader, Data Pump Import/Export

Pharmaceutical Client
Oracle DBA (Development Support / Remote Support)

Responsibilities:
- Configuration of Oracle Database 10g on AIX and Linux Advance Server for Development and Test environments.
- Upgrading database from Oracle version 8i to 9i to 10g and migration of data.
- Tuning of application by identifying offending SQL queries; providing inputs to application programmer; correcting and implementing right components, hints etc.
- Used extensively EXPLAIN PLAN, AWR, SQL Trace and TKPROF for fine tuning.
- Performance tuning of database by manipulating database parameters.
- Tuned and optimized SQL query, SGA, Disk I/O using OEM and by monitoring AWR reports from snapshots taken at the peak business hours.
- Monitored and tuned rollback segment, temporary tablespace, redo log buffer, sort area size.
- Involved in the project of implementing and configuring RAC on Oracle 10g on 3 nodes.
- Integrated the Backup Status Reporting for all the databases in the enterprise to enable the web reporting using PL/SQL and Korn shell scripts.
- Created database objects like Sequences, Procedures, Functions, Packages, Triggers, Indexes and Views in Development and Production environment in PL/SQL.
- Archiving of the necessary data using Export/Import methods.
- Communicating with Oracle to get necessary patches, using TAR, coordinating the patches and implementing necessary changes.
- Tested and Implemented different physical and logical Backup and Recovery methods like FLASH Recovery, and Full/partial export/import.
- Performed cloning to create Test and Dev environments from Prod.
- Environment: Oracle 10g, AIX/UNIX, Windows NT/2000, TOAD, OEM, PL/SQL Developer, SQL*Loader, Data Pump Import/Export
- Provided 24x7 on-call support. Flexibility to support beyond regular hours based on alerts and application.

Utilities Client
Oracle DBA / Coordinator

Responsibilities:

- Installed and configured Oracle 9i (9.2.0.1.0) using Oracle Universal Installer on AIX and Windows NT/2000 terminal platform.
- Determining the Oracle9i RAC architecture.
- Oracle Applications experience in designing table structures and space of varying databases of sales and service contracts.
- Migrated the Databases from 8.1.7.2 to Oracle 9i.
- Took Hot/online backup every night and Cold/offline backup every weekend.
- Mapping of logical and physical Backups using Export/Import and RMAN.
- Performed Database Cloning to create Test and Dev of staging/production environments.
- Tuned Shared Pool, Buffer Cache, Large Pool, Redo log Buffer, Sort Area, Rollback Segments, I/O, Query Response Time, Hit/Miss ratio etc.
- Inspected alert log file, monitored tablespaces and partitions spanning across several tablespaces and file systems.
- Monitored performance using various tools like OEM, Explain Plan, STATSPACK, TKPROF, v$ views and SQL Trace.
- Created and assisted in creation of and executed queries using PL/SQL Stored Procedures, Functions, Triggers, View, Index, Sequences, DB Links.
- Provided 24x7 on-call supports beyond regular hours/ weekends/ holidays.

Environment: Oracle 9i, Windows NT / 2000, AIX, RAC.

Marketing Client
Oracle DBA

Responsibilities:
- Installed and configured ORACLE 8i in WINTEL and LINUX environments.
- Created database and relevant schema objects, wrote and tested PL/SQL procedures and functions for different functional operations.
- Created different databases for the payroll structure for all employees in different cities in Florida and Georgia.
- Monitored performance of Databases and Applications using tools like OEM, Explain Plan, STATSPACK, TKPROF, and SQL Trace.
- Used SQL loader and Export/Import to load data from external datasets and perform backup and recovery operations. .
- Used Data Guard methods for data protection and data recovery.
- Used Enterprise Manager (OEM) and Recovery Manager (RMAN) to perform backup and recovery operations.

Environment: Oracle 8i , Windows Terminal, Linux, RMAN, Unix Shell, Data Guard

Manufacturing Client
Jr. Oracle DBA

Responsibilities:

- Responsible for Oracle 8i logical and physical databases design, implementation and maintenance on UNIX.
- Installed, upgraded and patched Oracle software. Setup brand new machines including Oracle software installation, Oracle side configuration, third party backup software Legato troubleshoot and backup testing.
- Managed and resolved design issues during development.
- Moved database Schema changes to stage or production.
- Migrated and upgraded databases from version 7 to 8i.
- Developed some UNIX Shell scripts to automate database operation and database monitoring.
- Developed or modified some Oracle backup and recovery scripts. Used Oracle backup utility RMAN/EBU to implement Oracle backup and performed a number of times of disaster recovery
- Installation and configuration of Statspack and analysis of Statspack performance report and subsequent tuning of production databases.
- Implemented database refresh with the hot backup using DUPLICATE or full export. Used EXPORT/IMPORT to do table level and full database defragmentation
- Performed database tuning using Explain Plan, hints, utlbstat/utlestat, Toad, Power Explain, and Enterprise Manager.
- Provided primary database support for application database systems such as Siebel CMS, Documentumn, MapInfo MapXtreme Spatial Application.
- Helped developer to install Oracle Client, troubleshoot and establish the connection to Oracle database through ODBC, JDBC.

Environment: ORACLE 8i, HP-UX, RS 6000, TOAD, RMAN/EBU

Oracle Education / Certifications

- BS in Electrical and Computer Engineering

Oracle – CENDIEN Oracle Consulting and Staffing Services

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