**SREEINFOTECH LLC**

**AVINASH**

**Oracle Database Administrator** 

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**SUMMARY:**

* 14 years of total IT experience, **Certified Azure Administrator Associate** and worked as an **Oracle Database Administrator** on Linux and windows platforms, which includes Installation, Management, Administration, Backup and Recovery, Maintaining and Tuning of Oracle RDBMS.
* Experienced in supporting **Oracle databases 9i/10g/11g** in variety of different environments like **HPUX, Sun Solaris, AIX, Red Hat Linux and Windows.**
* Proficient in Oracle Database Administration activities such as **Upgrades, Migrations, Patches, Cloning, Backup & Recovery, Performance Tuning,** capacity planning, shell scripting, and documentation.
* Experience in configuring Data Guard-- Physical Standby and Logical Standby Databases.
* Experience in upgrading OEM from 11g to 12c and upgrading the databases from 9i to 10g, 10g to 11g**, 11g to 12C.**
* **Migrating Databases from on prem to Azure Cloud.**
* **Configuring the Goldengate on Azure Cloud hub servers.**
* **Experience in upgrading the Golden gate from 11 to 19 Version ,**
* Tracing out the SQL`s in prod databases using **tkprof** and tuning them by making use of **SQL** **profiles** using **OEM**.
* Experience in Migrating Databases from On Prem to Azure cloud.
* Excellent knowledge on Mango DB
* Good experience Conceptual, Logical and Physical database design**.**
* Experience in **OLTP/DSS database systems,** implementing and managingVery Large Databases **(VLDB).**
* Hands On Experience in installing, configuring and managing Oracle 11g RAC, Oracle 10g RAC
* Performance monitoring and tuning using **EXPLAIN PLAN**, **TKPROF**, **STATSPACK**, **SQL TRACE, AWR, ADDM.**
* Experience in regular DBA activities such as **Upgrades**, Patches, **TAR support, Cloning, Backups and Recovery, Performance Monitoring and Tuning**, **Capacity Planning** and documentation.
* **Migrated databases from Windows to Linux, Sun Solaris to AIX**.
* Good experience on Oracle Support processes**.**
* Data transfer with **Export, Import, Data Pump and SQL\* Loader utilities.**
* **Database backup** concepts and options such as user-managed backup, **RMAN incremental backups.**
* **Refresh/Cloning** of Database and applications for development and testing purpose.
* **Good experience with Golden Gate setup & replication.**
* On call 24x7 Production Support Worked beyond regular hours.
* Dealing with database **security and auditing.**
* Excellent communication, interpersonal and strong analytical skills, Documentation & Problem-solving skills with customer service oriented attitude. A very good team player, self-motivated, dedicated in any work environment.

**TECHNICAL SKILLS:**

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| **Operating Systems** | HP-UX 10.x, 11.x, Sun Solaris 8, 9, 10, AIX 5.1, 5.2,5.3,6.1,7.1 Red Hat Linux 4.x, 5.x,6.x, MS Windows 98/2000/ME/NT/XP/Vista |
| **Programming Languages** | SQL, PL/SQL, Unix Shell Scripting, Perl, Java, .Net. |
| **RDBMS** | Oracle Exadata, Oracle 12c, 11g RAC, 10g RAC, 9i, 8i |
| **Software’s, Applications and Tools** | DBCA, DBUA, Oracle Data Guard, OEM (GC), RMAN, ASM, Cluster ware, SQL\*PLUS, SQL\*LOADER, EXP, IMP, Data Pump (expdp, impdp), TOAD, DB Artisan, SQL TRACE, EXPLAIN PLAN, TKPROF, STATSPACK, AWR and ADDM, SQL Developer, Golden Gate |
| **Web Related and Other Tools** | HTML, XML, JSP, HTTP, TCP/IP, FTP, SFTP, SCP, MS Visio, Perl scripting |

**EDUCATION:**

Bachelor of Technology, Jawaharlal Technological University

**PROFESSIONAL EXPERIENCE:**

**AT&T, Dallas, TX. 09/2014 - Present**

**Role: Sr.Oracle DBA/ Database Analyst**

**Responsibilities:**

* **Providing production support for 24X7 database availability for Oracle Database**.
* Maintenance and monitoring of oracle 11g/10g database instances hosted on Linux and Sun platform.
* Oracle DBA activities such as configuring Grid events, **Regular Backup’s**, Replication, **Tuning, and troubleshooting performance issues.**
* Upgraded databases from oracle 11g to 12c and 12c to 19C .
* **Migrating Database from On-prem to Azure Cloud.**
* Experience in Data Archiving and Restoring data.
* Configured Oracle **11g RAC and** Standby Databases for high availability and disaster recovery/reporting purpose.
* Applied quarterly patches on the oracle Databases.
* Created check point table, did Data load using Expdp and Impdp for replication in **Golden gate.**
* Installed and Configured **GOLDEN GATE** Extracts/replicat for multiple databases.
* Implemented Oracle Data pump and stream instantiation, created single and multiple source

environments, managed LCR`s in Oracle Streams.

* Involved in support for 1TB **2 Node production RAC** database with on-call pager.
* **Simulate a copy of production databases into test databases for application upgrade testing.**
* Support and advise the development teams on database related issues.
* Created database instances using appropriate INIT.ORA parameters for efficient database operations
* Assisted developers in tuning SQL statements in the applications.
* Space Management which includes table space creation, **adding new data files**
* Managed Table spaces, Rollback Segments, Redo Logs and other database object.
* **Oracle installation**, creation of database, which includes **physical and logical design**.
* Assisted developers in Creating stored procedures, Triggers, Functions, Cursors and Packages.
* Responsible for monitoring and resizing Oracle database objects (Table spaces, Tables, Indexes etc,).
* Responsible for **memory and Application tuning** of the databases using Oracle utilities like **OEM,SQL Trace, TK Prof** **and Explain Plan,**
* **Partitioning of large tables** for fine tuning performance.
* Designed and implemented **crash recovery strategies**, **and Hot, Cold and Logical backup plans.**
* Taking periodic Backup of the Database and the software using **Recovery Manager and VERITAS.**
* Perform Instance tuning using tools like **Stats pack** etc.
* Generated regular **Stats-Pack reports** for the performance tuning of the databases.
* Created and managed both system level and object level **roles and privileges** for various users. Killing sessions and revoking user privileges and roles.
* Experience with **DBUA/Export and Import to** migrate the database.
* Responsible for optimizing data access and performance by **tuning indexes**.
* Performed Replication of the Production database for setting up instances for the QA and Testing teams.
* Hands on experience in writing UNIX Shell Scripts.
* Involved in developing **logical** and **physical** modeling of the database using **Erwin 7.4.3.1.**
* Extensively worked on VM Ware for virtualization.
* Developed automated functions and processes for optimizing performance of the databases.
* Scheduling jobs through job scheduler and Oracle scheduler.
* Managed the existing databases by applying new required release modification to existing database structure and **applied new Oracle patches** as required.

**Environment: Oracle 11g RAC, 10g, SQL Server, Red Hat Linux , IBM AIX, Data Guard, ASM, PL/SQL, RMAN, GoldenGate.**

**Citrix, Fort Lauderdale, FL 01/2013–08/2014  
Role: Sr. Oracle DBA**

**Responsibilities:**

* **24x7** on-call production database support.
* Installation and Configurations of **Oracle 11g, 10 g .**
* Configured Oracle **11g RAC and** Standby Databases for high availability and disaster recovery/reporting purpose.
* **Installation, configuration, maintenance and tuning** of Oracle 11g and 10g databases.
* Upgraded Oracle Database from **9i to 10g**, **10g to 11g** and exposure to **11g to 12c.**
* Excellent at putting standards in place to ensure that all application design and code is   
  produced with proper integrity, security and performance.
* Implemented both unidirectional replication as well as bi-directional replicate using Golden Gate.
* Upgraded production databases from 10g to 11g without downtime using **Golden Gate**.
* Trouble shooting and performance tuning **golden gate replications.**
* Implemented necessary monitoring scripts for **Golden gate** in unix/perl scripting.
* Expertise in recovering the database. Performed complete and incomplete database recovery.
* Writing and modifying **UNIX shell scripts**, **Perl scripts** to manage Oracle environments
* SQL tuning and **Database performance tuning** using SQL Trace, TKPROF, Explain Plan, **AWR**, **ADDM** and monitor the database performance on daily basis.
* Involved in ETL Code review of interfaces mappings
* Planning **Backup/Recovery** Strategy, Planning and scheduling Backups, taking Logical Backups (with Export/Import Data pump utilities).
* **RMAN Incremental backups**
* **Logical and Physical Database Design**
* **Capacity Planning and bench marking**
* **Partitioning** of the tables for better performance and manageability
* Creating & Managing Database Structures, Storage Allocations, Table/Index segments, Rollback segments, Constraints, Database Access, Roles and Privileges.
* Performed policies on data confidentiality, integrity, availability, and auditability, Based on Access Controls for Access to Data at the database level.
* Performed **SQL** and **PL/SQL tuning**, oracle contention and monitored production database using automatic workload repository (AWR), automatic database diagnostic monitor (ADDM) and automatic session history.
* **Cloning** databases from production to development and testing.
* **Database Security** User Management, Privileges, Roles, Auditing.
* Provided documentation for database design, analysis, modifications, creating schemas etc.
* **Golden Gate** installation and configuration.
* Replication using **Golden Gate.**
* **Environment:** Oracle 12c,Oracle 11g RAC, Oracle 10g RAC, RedHat Linux, IBM AIX, Sun Solaris, HP-UX, Windows, Shell Scripts, ASM, RMAN, OEM/Grid Control, TOAD,SQL Developer, SQL\*Loader, ERWIN, Data pump, Golden Gate

## Citi Bank, Dallas, TX 11/2011 – 12/2012

## Role: Oracle DBA

**Responsibilities:**

* **24x7** on-call production database support
* Installation and Configurations of **Oracle 11g, 10g.**
* Installed Oracle **11g RAC, 10g RAC**, Standby Databases for high availability and disaster recovery/reporting purpose.
* Implemented **Data Guard** for **Disaster recovery.**
* Worked on Data Modeling**,** Dimensional Data Modeling.
* Setup and configure **Standby database** for high availability by using **Data Guard.**
* **Upgraded** databases from Oracle  **10g**  to oracle **11g**
* **Replication using Oracle Streams.**
* **Documented** instructions for migrating & upgrading databases.
* Refreshed schemas from Production environment to Dev/Test environment using **expdp/impdp** utilities.
* Wrote various **shell scripts to automate tasks**.
* Creating **PL/SQL procedures** for **E**xtraction, **T**ransformation and **L**oading of data
* **Created schema** (tables, Indexes, views, sequences, synonyms, packages).
* Setup database **auditing, granted privileges** to users through system/object roles.
* Implement and maintain database security.
* **Created PL/SQL Procedures, Functions, Triggers**.
* Taking Hot and cold backups.
* Modified Data Using **Perl Scripting**
* **Creating and managing partitioned tables and indexes.**
* Monitor and tune database performance using **Explain Plan, SQL\*Trace, TKPROF, AWR, ADDM**
* Increased performance of sql queries by creating **materialized views** and by enabling **query re-write.**

**Environment:** oracle Exadata ,Oracle 11g RAC, Oracle 10g RAC, HP-UX, RedHat Linux, Sun Solaris, Windows, Shell Scripts, ASM, RMAN, OEM/Grid Control, TOAD,SQL Developer, SQL\*Loader, ERWIN, Data Pump.

**Super Media, Dallas, TX 06/2010 – 10/2011**

**Role: Oracle DBA**

**Responsibilities:**

* 24x7 on-call production database support
* Installation and Configurations of 9i, 10g databases.
* Installed Oracle 10g RAC, Standby Databases for high availability and disaster recovery/reporting purpose.
* **Organizing Oracle Database operations, installation, creation, configuration of Databases, laying out database tables and database schema design, startup and shutdown of Databases**.
* Load data into Oracle using SQL \*Loader, RMAN backups, Export/Import database objects/schema, Enforce database accuracy and integrity.
* **Creating users and role**s for database and give the privileges.
* Performance monitoring and tuning using Automatic Workload Repository (AWR) & Automatic Database Diagnostic Monitoring (ADDM).
* **Developed Data Mapping, Data Governance, Transformation and Cleansing rules for the Master Data Management Architecture involving OLTP, ODS and OLAP**
* Automated the Replication process using Materialized Views for reporting databases.
* Using the ADDM to analyze performance problem and with help of AWR reports for individual SQL statements. Analyzing recent session activity with an ASH report.
* Responding immediately to any critical conditions, and proactively to any developing conditions, including locking, corruption, disk spaces and Performance issues.
* Cloning of production database to the test environment using Recovery Manager (RMAN).
* Created Standby databases for Disaster Recovery, using Data Guard.
* Load data using SQL\*Loader
* Backup and Recovery
* Created database objects like tables, views, indexes, partitions.
* Develop, document and enforce database standards and procedures.
* Setting Oracle Streams for replication between two databases.

**Environmen**t: Oracle 10g RAC, Oracle 9i, Sun Solaris, RedHat Linux, IBM AIX, HP-UX, Windows, Shell Scripts, ASM, RMAN, OEM/Grid Control, TOAD,SQL Developer, SQL\*Loader, Data Pump

**21st Century Insurance, Florida 12/2008 – 05/2010**

**Role: Oracle DBA**

**Responsibilities:**

* 24x7 on-call production database support.
* Installation and Configurations of 9i, 10g databases.
* Installed Oracle 10g RAC, Standby Databases for high availability and disaster recovery/reporting purpose.
* **Performed backup and recovery activities.**
* Daily database administration tasks including backup and recovery using RMAN, Import/Export.
* Designed the database schema and created any necessary database objects.
* Applied patches, upgraded databases
* Worked on all phases of the project lifecycle including mapping data requirements, data definitions and construction of logical data models.
* **Performance Tuning of Applications/Databases using various Oracle tools like SQL Trace, TKPROF, Explain Plan, AWR and ADDM.**
* Tuned memory structures such as the database buffer cache, shared pool and library cache.
* Assist application developers to meet their day to day requirements related to performance.

**Environment:** Oracle 10g RAC, Oracle 9i, IBM AIX, Windows, RedHat Linux, Shell Scripts, ASM, RMAN, OEM/Grid Control, TOAD,SQL Developer, SQL\*Loader, Data Pump

**Andhra Bank, Hyderabad 10/2007-11/2008**

**Role: Oracle DBA**

**Responsibilities:**

* Responsible for maintenance of production.
* Created tables, views, materialized views
* Database administration tasks included performing regular Hot & Cold Backups, Job Scheduling.
* Managing Database Structure, Storage Allocation, Table/Index segments
* Cloned databases from PRODUCTION to create TEST, DEVELOPMENT and UAT
* Configured and managed OEM to stabilized oracle database into healthy environment.
* Monitoring Growth of tables and undertaking necessary re-organization of database as and when required.
* Trouble shooting performance issues using Explain Plan and TKPROF.
* Involved in numerous Unix Korn Shell Scripting pertaining to the activities of the DBA
* Maintenance & modification of Shell Scripts.
* Implemented Oracle's Advanced Features such as Partition table, Partition Index, Function Based Indexes and Loaded bulk data with SQL\*Loader.
* Develop, document and enforce database standards and procedures.
* Generated scripts for daily maintenance activity like analyzing the tables/indexes, and monitoring their growth.
* Troubleshooting and fixing database listener issues.

**Environment:** Oracle 10g, Oracle 9i, Oracle 8i, RedHat Linux, Sun Solaris, Windows, Shell Scripts, RMAN, OEM/Grid Control, SQL\*Loader, Data Pump