**Venkat G**

**Email:** [**venkatgundivoina@gmail.com**](mailto:venkatgundivoina@gmail.com)

**Cell : +1 (214)-774-4578**

### Professional Summary

Over 10+ years of experience as an **Oracle Database Administrator**having hands on experience in database administration, production support, installation, configuration, upgrades, patches, performance tuning, backup and recovery, cloning, space management, database security, migration and documentation.

* Experience on Oracle Database Administration in variety of environments like HP**-UX, SUN SOLARIS, AIX, Red Hat Linux and Windows**
* Installed, Upgraded and configured various Oracle software packages, troubleshooting and development tasks on various platforms.
* **Hands on experience in test, production and development databases.**
* Proficient in database design for Data warehouse systems (**OLTP** and **OLAP).**
* **Extensive experience in Backup and Recovery of Databases on** Oracle 9i,10g, 11g.
* **Expertise in supporting client server GUI software and Operating system.**
* Created **development, testing, staging, production, RAC** and **standby** databases.
* **Extensive experience in** Dataguard, Grid control.
* Installing and configured agents on various production servers.
* Installation and Configuration: Operating System, Grid Infrastructure (Clusterware, ASM, Disk Groups),**Private Network for Interconnect**and **Public Network**(VIP, SCAN), Shared Storage, Secured Shell,OCR and Voting Disk, Cluster verify utility (cluvfy).
* Installed **Oracle 11g ASM & 10g RAC** software with **ASM& OCFS2** File systems.
* Hands on experience in Installation of high availability **RAC** environment (2, 3 and 4 node clusters) and upgraded standalone databases to **10g RAC** environment.
* Migrated existing databases into RAC configuration.
* Extensive performance tuning experience, specializing in Operating System Tuning, SQL Tuning ,Database/Instance Tuning.
* Experience in data loading utilities like **SQL\*LOADER**, Logical backups using full export, import and **DATA PUMP.**
* Proficient in setting up Standby Database using shell scripts and **RMAN** utility tool, **activating and Re-building Standby Databases** both **Physical and Logical** supported by **DATA GUARD**.
* Experience in **Hot/Cold Backup, Recovery** and **Cloning** of databases using **RMAN** with **VERITAS Net Backup**
* Implemented **RMAN backup** (Full, incremental and cumulative) and **Incomplete recovery.**
* And **disaster recovery** using Standby database or Data Guard.
* Implemented automated backup strategy using the **UNIX** shell script**.**
* Expertise in maintaining **Database Security** using security compliance **auditing**.
* **Database replication** using snapshots, materialized views and advanced replication methods.
* Experience in implementation of **Golden Gate features** to extract and replicate the data between various topologies.
* Effective **troubleshooting of database** and Performance problems.
* Extensive knowledge of **Oracle Architecture**, SGA, PGA, LISTENER, TNSNames, V$ and DBA.
* Knowledge on Oracle Support Process for Technical requests using **Metalink**and other support procedures.
* Experienced Data Analyst, with expertise in Data Analysis, Business Intelligence Solutions, Data Quality Analysis, Data Profiling, Database development, Data Integration. Experience working with a variety of complex data from domains such as Finance, Banking, Anti Money Laundering, Logistics, Risk Management, digital marketing etc.
* Worked on databases **on EXADATA various compression** methodologies including **HCC EXADATA Query high and Archive high methods.**
* Worked on The performance tuning of databases and the Query’s on the Exadata quarter rack by using the **Smart Scan technology of the Exadata.**Experience in Business Intelligence, ETL development, dashboard reporting solutions, star and snowflake schemas, LDM design and application integration. Highly experienced in various aspects of Enterprise Data Management (EDM), Data Cleansing and Data Profiling. Experienced in migration and conversion of data to/from various data sources.

### Technical Skills

**Database :** Oracle 8i, 9i, 10g,11GRAC, Data Guard& ASMOracle XE, MS Access

**Operating Systems :** Linux, HPUX, WindowsNT/2000/2003/XP

**Languages :** PL/SQL, UNIX Shell Scripting

**Tools&Utilities :** OEM, OBIEEandSQL\*Loader, Export/Import&DataPump

EXPDP, IMPDP), TOAD and Sharepoint, Zeera tool.

**Partitioningtechniques:** ONLINEREDEFINITIONandNormal.

**BackupTools :** RMAN (RecoveryManager), EBU (EnterpriseBackupUtility) OS

HotandColdBackups.

### Education Detail

* Master Degree – MBA Information Technology – Bangalore, Karnataka University

### Certification Summary

* Oracle Certified in Oracle 9i and Oracle 10G from Oracle Corporation.

### Professional Experience

**Puget Sound Energy - Cognizant, Bellevue, WA Jan2017 to March, 2017**

**Sr. Oracle Database Administrator**

**Responsibilities:**

* Implementing and upgrade advanced features of **Oracle 12C** such as **Automatic Database Diagnostic Monitor (ADDM), Automatic Workload Repository (AWR)** for monitoring database performance.
* Implemented OBIEE 11G and Oracle 12C Software and generating reports related ATM transactions at Bahrain daily and weekly and monthly reports sending to the concerned authorities.
* Refresh activity done from QA Database from production Database size 7 TB.
* Configure workflow notifications, printers, and form servlets in Oracle financial applications.
* Monitoring & Troubleshooting Oracle error logs, Various Scheduled DBA Server Agent jobs, Maintenance plans.
* Setup and maintain all database backups for all production Oracle servers. This includes using native Rman backup.
* Monitor all production Oracle Databases for disk usage to plan future disk space needs per database.
* Implemented advanced features of **Oracle 11g/10g** such as **Automatic Database Diagnostic Monitor (ADDM), Automatic Workload Repository (AWR)** for monitoring database performance.
* Expertise in creating primary database storage structures (Table spaces) and primary objects (Tables, Views and Indexes).
* Developed Stored Procedures and used them in Stored Procedure transformation for data processing and ODI have used data migration ETL tools
* Implements, administers, manages, monitors, and tunes the assigned application databases in development, pre-production and **production environments**. Designs and implements **performance tuning** improvements and advises developers on tuning options. Ensures that data integrity and data security is maintained. Demonstrates advanced troubleshooting and analytical skills through problem resolution.
* Backup of database Logical and Physical (hot and cold) using Backup script procedures and also using **RMAN**.

**Environment:** Oracle 11g/10g, RAC, LINUX, IBM-Aix 10, SQL Developer, OEM, ERWIN 7.2, SQL, PL/SQL, Data Guard.

**Route One, Detroit, MI Feb2016 – Dec 2016**

**Sr. Oracle Database Administrator**

**Responsibilities:**

* Implemented advanced features of **Oracle 12C**such as **Automatic Database Diagnostic Monitor (ADDM), Automatic Workload Repository (AWR)** for monitoring database performance.
* Implemented OBIEE11G and Oracle 12C Software and generating reports related ATM transactions at Bahrain daily and weekly and monthly reports sending to the concerned authorities.
* Installation of OBIEE at all client machines trained them to utilize the software.
* Configure workflow notifications, printers, and form servlets in Oracle financial applications.
* Monitoring & Troubleshooting Oracle error logs, Various Scheduled DBA Server Agent jobs, Maintenance plans.
* Monitoring & Troubleshooting Oracle error logs, Various Scheduled DBA Server Agent jobs, Maintenance plans.
* Setup and maintain all database backups for all production Oracle servers. This includes using native Rman backup.
* Monitor all production Oracle Databases for disk usage to plan future disk space needs per database.
* Implemented advanced features of **Oracle 11g/10g** such as **Automatic Database Diagnostic Monitor (ADDM), Automatic Workload Repository (AWR)** for monitoring database performance.
* Experience in **Performance tuning, Application tuning** and **Query Optimization** using Oracle supported tools such as **EXPLAIN PLAN**, **TKPROF, AUTOTRACE,** etc.
* Expertise in creating primary database storage structures (Table spaces) and primary objects (Tables, Views and Indexes).
* Developed Stored Procedures and used them in Stored Procedure transformation for data processing and ODI have used data migration ETL tools
* Implements, administers, manages, monitors, and tunes the assigned application databases in development, pre-production and **production environments**. Designs and implements **performance tuning** improvements and advises developers on tuning options. Ensures that data integrity and data security is maintained. Demonstrates advanced troubleshooting and analytical skills through problem resolution.
* Performed data migrations and ODI using **ETL tools**.
* community and public cloud deployment models for a variety of mid-size companies
* Creating Users, Roles and Profiles, Privilege management with role-based security.
* Backup of database Logical and Physical (hot and cold) using Backup script procedures and also using **RMAN**.

**Environment:** Oracle 11g/10g, RAC, LINUX, Solaris 10, TOAD, VERITAS, OEM, ERWIN 7.2, SQL, PL/SQL, TKPROF, WebLogic, EXPLAIN PLAN, Business Objects XI, Data Guard.

**Tech Mahindra Bangalore, India Jun 13 - Oct 15**

**Client: British Telecom, UK.**

**Sr. Oracle Database Administrator**

This project is to create and maintain various production/development/testing/ performance of the databases. Perform all databases related activity to ensure maximum availability of databases.

**Responsibilities:**

* Administering 24x7**RealApplication Cluster (RAC)** databases running on **Cluster File system**. Worked with senior DBA’s for preparing cluster, configuring and Installation of **Cluster ware** and Oracle RAC on Linux. Startup and Shutdown of Individual instances on RAC database using Enterprise Manager.
* Experienced in working and monitoring the databases by using Oracle Enterprise Manager.
* Creating of databases for Testing, Development and Production.
* Setup of **Standby database** for faster disaster recovery and **Data Guard** setup for high availability.
* Load balancing, databases/schema/table re-organization for faster performance.
* Performing **Capacity planning** and evaluations with regular **Maintenance** cycles.
* Installation of Oracle version 10g on **Linux.**
* Applying patches whenever required.
* **Performance Tuning** of Oracle Database Objects.
* Taking periodic **Backup** of the database and the software using **RMAN**.
* Handling Database storage, Reading Alert. Log and User Trace Files and Diagnosing the Problem, Scheduling jobs through Oracle job Scheduler.
* Implemented **Backup and Recovery** Strategies **using RMAN** and used **Recovery advisor** to repair **data block corruptions**& data dictionary corruptions
* **Patching & upgrades** on **Oracle 12c database** (whilst minimizing or eliminating the impact to Live services, i.e. using rolling node patching)
* Experience with NoSQL database-- Mongo, Cassandra database installation, configuring and administration.
* Have involved in the process of upgrading, Adding & removing nodes also, have collected production metrics by using SPLUNK tool
* Worked with logical backup using **Data pump** and **Exports/Imports Utility**
* Database Load and Transformation Techniques (**SQL Loader, External Tables**)
* Upgraded production and all test databases from **Oracle 9.2.0.8 to 10.2.0.3 to 11.2.0.4 to 12.1.0.2**

**Environment:** Oracle 10g, SQL SERVER, Oracle RAC on Linux, Toad, RMAN, SQL\*Plus, SQL, PL/SQL, SQL\*LOADER, Oracle OEM, Import/Export.

**Tech MahindraBangalore, India Apr 2012 – May 2013**

**Client: Huawei**

**Sr. Oracle Database Administrator**

**Responsibilities:**

* Implemented 100TB of Backup system for Exadata databases machine and Exalogic Elastic cloud computing servers &VDI environment involving Oracle ZFS 7420 storage systems and HP Data protector 6.11.
* Patched 11g Grid Infrastructure &RAC databases on Exadata Database Machines.
* Monitoring & Troubleshooting Oracle error logs, Various Scheduled DBA Server Agent jobs, Maintenance plans and automated scheduled jobs.
* Setup VMWare and maintain database connections.
* Setup and maintain database backups for production servers using native Rman backup.
* Maintain Oracle service patch levels on all production oracle servers based on the client requirements.
* Patched Oracle Exadata Machine 11gR2 Grid Infrastructure and RAC databases. Involved in Exadata switch patching and cell storage.
* Implement ITIL Process in project life cycle in the way project execution.
* Proficient with performance tuning in Oracle database 11g with RAC and Data Guard. Good understanding of tuning Data warehousing using STAR schemas.
* Implemented Oracle Virtual Machine virtualization 2 node cluster on HP Blade G470c servers for different needs.
* Implemented Database Listeners on infiniband network from Exadata Machine to Exalogic Machine.
* Worked on Scan listeners for 11g grid infrastructure.
* Administering Cell Storage servers for Exa-data Database Machines.
* Provided installation, configuration support of Oracle RAC9i, 10g, 11gRAC databases from building server to installing databases.
* Involved in upgrading Oracle9i to Oracle10g database
* Configure workflow notifications, printers, and form servlets in Oracle financial applications.
* Performance tuning skills are required Extensive experience with tuning applications developed using SQL, PLSQL, Java and SOAFusion.
* Involved heavily in different kind of cloning requirements. Restoring databases in same cluster system and different cluster system to other database.
* Worked extensively on HP data protector and managed system wide backups. Configured backup polices for oracle databases and system wide backups.

**Environment**: Oracle 11g/10g/9i, Red Hat Enterprise Linux 4.x, AIX 5.2, OEM, PL/SQL, Oracle 9i/10gRAC, TOAD, Erwin, STATSPACK, EXPLAINPLAN, IBM Data Stage, C++, Weblogic, SQL Server 2005.

**Tech Mahindra - Bangalore, India Dec 2010 - Mar 2012**

**Client: British Telecom**

**Sr. Oracle Database Administrator.**

This project is mainly on Storage Migration on various production/development/testing and monitors the performance of the databases. Upgraded Oracle 10GRAC to Oracle 11GRAC on SUN Solaris.Configured Data Guard for disaster recovery.

**Responsibilities:**

* **Upgrading Oracle Golden gate 11.1.1.0 to 11.2.1.0.1**
* Installing Oracle **Golden Gate** for **EBS Reporting** Databases
* Oracle and SQL server Database Capture using **Oracle Golden Gate 11g**
* **Data Extract, Conversion and Load using Golden Gate**
* Migrated data on different Oracle versions of **9i** and **10g**, 11g and on different operating systems of **AIX/Sun Solaris/Linux.**
* Migrated data from **ASM** disks to **ASM** disks by using **Rebalancing** techniques.
* Created an RMAN catalog databases and wrote an RMAN backup script for backing up more than 5
* Production databases and few development databases.
* Recovered data files from block corruption using **RMAN**.
* Reduced production outages by implementing best practices of patch management, purge/archival, code
* Taking backup of databases using **RMAN**.
* Used tools like **export/import** and **data pump export/import**.
* Involved in export and import of database objects in order to copy them from one database to another &for backup the tables.
* Created a physical standby for Disaster Recovery **(DATA GUARD).**
* Experienced writing UNIX scripts and troubleshooting issues.
* **Upgraded Real Application Cluster** (**RAC**) from Oracle 9i to Oracle 10g on **HP-UX.**
* Used tools like **TOAD, SSH**.
* Involved in **Database Tuning** for the performance of databases.
* Responsible for Database requests, by using Clear-Case, SharePoinet Administration.
* Responsible for all database activities such as User management, space management, database security management, rollback segments & creation of DB links between two oracle servers.
* Expertise in ASH, AWR. In depth understanding of 10046 trace and 10053 traces. Well versed in SQL Profiles, Oracle Baselines, v tables, xtables, etc. Indepth knowledge of Fusion Applications technology stack, including architecture.

**Environment**: **Oracle12c/11g/10g/9i**,**Oracle EXADATA X2-2 HALF RACK,** Sun Solaris, Red Hat Linux, RMAN, SQL/PLSQL, AWS server, Data Guard, Golden Gate, OEM ,AWR .SQL query tuning, Performance tuning, OEM, O patch auto,TOAD,Storage migrations.

**Tech Mahindra, Bangalore India Oct 2007 – Nov 2010**

**Sr. Database Administrator**

**Responsibilities:**

* Monitoring & Troubleshooting Oracle error logs, Various Scheduled DBA Server Agent jobs, Maintenance plans.
* Setup and maintain all database backups for all production Oracle servers. This includes using native Rman backup.
* Monitor all production Oracle Databases for disk usage to plan future disk space needs per database.
* Maintain Oracle service patch levels on all production oracle servers based on the client requirements.
* DB User Administration and Security management
* Problem & Incident Management.
* Monitor all production Oracle DB servers for performance bottlenecks.
* Installation of Oracle11GR1,10G Database patches. Database creation of the Development, Test and Production for databases.
* Managing Day-to-day Basic Database Administration work deployments in Development Database, Test Database andProduction Database.
* Maintenance of database like rebuilding indexes, analyzing of tables, segment advisor.
* Creating new database for Developers and users, roles related to the database.

**Environment**: Oracle 9i/10g, UNIX, LINUX, Windows 2003 server, SQL server, Shell Scripting, PL/SQL, RAC, OEM, QUEST tools, Erwin, SQL\*Loader, Toad, SQL\*Plus, Data Mover, Object Security, Import Manager, Oracle Configuration Assistant, PeopleSoft, Oracle **Data guard**, Oracle Universal Installer.



**Oracle Financial Services(iflex) Apr 2005 - Sep 2007**

**Client: Friedman Ramsay Bank(MANTAS) -WA**

**Database Administrator**

**Responsibilities:**

* Attending meetings and understanding the client needs.
* Installing &upgrading the Oracle Database server and applications.
* Creating primary objects (users, tables, views, indexes).
* Monitoring Database by using **Control\_M** Tool.
* Worked on databases **on EXADATA** various **compression** methodologies including **HCC EXADATA Query high and Archive high methods.**
* Worked on The performance tuning of databases and the Query’s on the Exadata quarter rack by using the **Smart Scan technology of the Exadata.**
* Experience on HA features:RAC / Standby + Data Guard
* Kernel Parameters tuning / adjustments – knowledge of UNIX commands like SAR / VMSTAT / IOSTAT / PRSTAT and TOP etc.
* Unix shell scripting knowledge and examples of scripts written
* Experience of Tuning in below topics:
  + Oracle performance baseline report generation (Business Application reporting metrics) by using Informix.
  + Oracle SGA/Pool configuration and optimisations
  + Working knowledge of multi-instance HA production estatimates.
  + TKPROFF analysis
* Capacity Management
  + capacity management (CPU/mem/IO/storage)
  + Hardware and application capacity forecasting for UNIXflavors and Oracle utilisation.
* Creating indexes (Btree) etc.
* Backup and restore of databases.
* Taking logical backups involving both export and import.
* Customizing Oracle applications.
* Troubleshooting of Database tickets resolving.
* Preparing the required customer report.
* Used Apex SQL Tool.
* Extensive knowledge of Oracle Apex(Application Express.3.2)
* Involved in to Database Creation and Database Design.
* Used Oracle Apex utilities to export and import huge data in the format of CSV files, Excel sheets into the tables.

**Environment:** Oracle 9i, AIX 5, Sun OS 5.6, Export, Import, Control-M,ERWIN 4.14, SQL Developer, OEM, SQL\*LOADER**,** Cute FTP



**CS Software Enterprises Ltd,Hyderabad India Sep 2004 - Mar 2005**

**Database Administrator**

**Responsibilities:**

* Installed and configured Oracle **RDBMS** on UNIX and Windows environments.
* Performed Database upgrade of Oracle 9i from existing oracle 8i system.
* Involved in analysis of market risk and claims data.
* Performing backups and recoveries using **RMAN**/conventional hot backups.
* Other duties include applying oracle database patches, creation of database users, monitoring, tuning, troubleshooting, and backup and recoveries, monitoring and optimizing database performance.
* Worked closely with senior DBA to understand the business and technical requirements.
* Data replicating using stream technology like object, schema transfers across homogeneous oracle database.
* Using ODS developed Oracle Database environment.
* Using Streams Data is routed from one database to another database.
* Developed entity relationship, data flow and functional diagrams.
* Designed database tables, implementing referential integrity.
* Developed triggers which internally called procedures and functions.
* Performed complex SQL query tuning, index reorganization, and Rollback.
* Developed oracle forms and reports using oracle designer 2000.
* Involved in all phases of the software development life cycle.
* Involved in documenting the entire system architecture and data flow
* Maintained control files, log file, data files, table spaces and rollback segments.
* Designed Entity-Relationship model and normalized database.

**Environment:**Windows 2000, UNIX, HP-UX, Oracle 9i/8i, TOAD, Database Tools/Utilities, Perl.

**TRAININGS:**

* Oracle 11gR2 Performance and tuning
* Oracle 11gR2 Real Applications and Clusters
* Oracle Database 11g: Data Guard Administration
* Oracle Database 11g: Backup and Recovery
* Oracle Database 10g: New Features for Administrators
* Oracle Database 10g: Backup and Recovery
* Oracle Database 10g: Introduction to oracle SQL, PL/SQL