

Kailash Solanki

Email: kailash.mann@gmail.com

Mobile: +919929909011

Experience Summary:

Around 10 years of experience as Oracle Database administrator, having hands on experience in database administration, production support, installation, configuration, upgrades, performance tuning, backup and recovery, cloning, space management, and database security with Oracle (11g,12c,19c) on Red Hat Linux, HP-UX, AIX, and Windows Platform.

- Experience in Configuring 12c/19c Oracle Real Application Clusters (RAC), Automatic Storage Management (ASM).
- Hands on experience in setting up, maintaining Disaster Recovery (DR) sites using Standby Database.
- Experienced in Installation, Patching, Cloning, and Upgrade of Oracle Databases.
- Experienced in Backup & Recovery, Disaster Recovery options, Oracle Recovery Manager (RMAN).
- Experience in Managing Security, User groups and Users by using roles, grants, privileges and Profiles.
- Experience in maintaining Oracle Data Guard & Standby Database and providing critical solutions with strategic disaster recovery plans with different recovery procedures and methods.
- Hands on experience on Oracle 12c/19c Active DataGuard/10g DataGuard with switchover, failover and Dataguard Broker.
- Planned and implemented Disaster Recovery & High Availability solutions using Oracle 11g/10g Standby Database using Oracle Dataguard, 11g/12cRAC/19cRAC
- Skilled in taking backups using cold, hot and RMAN backups and also tested different recovery procedures also Cloning/Refresh.
- Working on 24*7 production day to day and on call support and maintenance.
- Proficient in all DBA responsibilities such as Instance tuning, user management, space management, monitoring.
- Hands on Experience managing DBA daily activities, including schema, user management like (creating users, synonyms, privileges, roles, quotas, tables, index, sequence etc.), space management like (tablespace, rollback segment), monitoring (alert log, memory, CPU, connectivity to database), and handling scheduling management using UNIX Shell Scripting.
- Delivering SQL and Database performance tuning services via V\$/GV\$ views, TKPROF, AWR reports, ADDM, SQL Tuning Advisor, Oracle Enterprise Manager (OEM), Grid control, analyzing SQL trace dumps.
- Knowledge on Oracle Support processes for technical requests through Metalink and other Support Procedures.
- Experience with UNIX Shell Scripting, Scheduling jobs through Oracle Job Scheduler, Cronjobs (UNIX).

Technical Skills:

- Relational Database : Oracle 11g/12c/19c
- Operating Systems : LINUX, UNIX, IBX AIX and Windows
- Languages : C,SQL,PL/SQL,
- Tools & Technologies : RMAN, Export/Import, Data Pump, Golden Gate, OEM, DATAGUARD, ASM, ansible automations, shell.

Professional Experience:

- ✓ Working as Oracle Database Administrator for **Tata Consultancy Services** from 6th Apr 2016 to till date.

Role : Database Administrator (DBA)

Environment : Oracle 12c/19c, RAC, Dataguard, Golden Gate

- Supported over 150+ production and 300 plus development and testing databases with database size from 100GB to 5TB.
- Bug fixes patches, Quarterly Security Patches using Opatch utility.
- Logical Refreshing of DB (using Export/Import and Data pump).
- Efficiently managing backups and recovery through RMAN which includes RMAN duplication, refresh and cloning in Standalone and RAC.
- Developed RMAN scripts for database backup and recovery including hot and cold backup options.for both RAC and standalone instances.
- Written a few shell scripts for automation of job and validation of databases and servers before and after major changes like patching/swithovers/failovers.
- Implemented 12c/19c Active Data Guard for Disaster Recovery.
- Used OEM12c Grid Control for performance tuning.
- Analyzing AWR and giving suggestions and recommendations for Performance and tuning
- Performed database cloning to setup test and development database.
- Performance monitoring and Database/Instance/clustered Application tuning using Dictionary views, AWR (Statspack), ADDM, ASM reports, OEM Grid Control, tuned SGA/PGA parameters, initialization parameters and reorganized physical objects (tables & indexes) and tablespaces to improve the performance
- Prepare backup strategy according to the Business Rule Specified by the company.
- Troubleshooting expdp/impdp errors in a RAC environment, configuring storage accordingly.
- Implementation and configuration of Oracle Golden Gate. Configure extract, replicate and manager process. Used veridata and logdump utility Resolved replication issues in Golden gate.
- Scheduled UNIX scripts in crontab jobs to automate daily tasks like backups, monitoring the alert logs, backup logs, cleaning the old archive logs, old log files, tablespace monitoring to send notification emails
- Analysis and management of Oracle problems/defects using SRs and/or Metalink with Oracle and Follow Up with the Issues rose with Oracle Metalink support.

- ✓ Worked as Database Administrator for **IBM Melstar Information Technology Ltd**, from Aug 2013 to 16th Mar 2016.

Role : Database Administrator (DBA)

Environment : Oracle 11g, Migration, HP-ux, AIX

- Successfully implemented **11g R2 RAC on 2 nodes** for high availability. Maintaining security of databases and **users**.
- Reading **Alert Log** and **User trace Files** and Diagnosing the Problem. Performance tuning which includes creating **indexes, analyze, explain plan, optimizer hints**
- **Space Management** which includes table space creation, adding new datafiles.
- Memory Management Sizing the SGA, database buffers, shared SQL area, log buffer, based on the requirements.
- Performing all the Database Administration activity like space management in database, user and roles administration, schema management, checking alert log of all the databases.
- Performing Backup/Recovery of all the Oracle databases using RMAN, also setup RMAN catalog for the same.
- Tablespaces management, Backups, Storage management, Undo Management.
- Database backup and recovery including hot and cold backup, Transport of Databases using Datapumps impdp, expdp.
- Rebuilding of Indexes for better performance, maintenance of Oracle Database
- Updating Statistics of the database to better performance.
- Installation and creation of 9i and 10g and 11g2 databases for Testing, Development and Production.
- Refresh/Cloning of Database and applications for development, testing.
- Intensively used latest 10g/11g Automatic Workload Repository (AWR) & Automatic Database Diagnostic Monitoring (ADDM) reports for the health check of the databases, and used the notification tool to send the alerts in OEM Grid Control
- Resolve critical issues by raising SR with Oracle Support and Root Cause Analysis (RCA)
- Being Primary point of contact, ensuring high availability of the instances.
- Performance monitoring and Database/Instance/clustered Application tuning using Dictionary views, AWR (Statspack), ADDM, ASM reports, OEM Grid Control, tuned SGA/PGA parameters, initialization parameters and reorganized physical objects (tables & indexes) and tablespaces to improve the performance
- Collecting Statistics at database/schema and table level.

- ✓ Worked as Oracle Database Administrator for **DATAFLOW Services Pvt. Ltd.**, from Dec 2013 to 22 Aug 2014.

Role : Database Administrator (DBA)

Environment : Oracle 11g, 10g,

- Sizing the SGA, database buffers, shared SQL area, log buffer, based on the requirements.
- Installation and creation of 9i and 10g databases for Testing, Development and Production.
- Monitoring the performance of the database and viewing Alert log files & Trace files.
- Perform backup and recovery of all Oracle databases using RMAN.
- Monitoring and Maintenance of Tablespaces, Backups, alertlogs, Storage management, Undo Management.
- Oracle Backup & Recovery through RMAN, scheduling of backups. Full backup and incremental backups planning.
- Monitoring Database through the Enterprises manager and creating and analyze various reports like AWR, ADDM, ASH.
- Move data using Export/Import, Datapump.
- User management, Creating and Assigning Roles, Privileges and Profiles to Users.
- Overall maintenance of Oracle Database, backup, recoveries and troubleshooting activities.
- Space management. Monitor growth of database.
- Gather statistics of database objects and analyze.
- Daily Health Check Up of the Database using statspack, **AWR, ADDM & ASH.**
- Installation and configuration of Oracle Client software and Tools.
- SQL server and mysql database also take care of a few activities like backup and restore on application team's request.
- Supported Production issues relating to our data warehouse databases.

- ✓ Worked as Oracle Database Administrator for ‘**IAP InfoTech**’, Gurgaon from June 2011 to November 2013.

Role : Jr .ORACLE DBA

Environment : Oracle 11g

Roles & Responsibilities:

- Configuration and Installation of Oracle software in different platforms.
- Database design and creation of Database.
- Taking schema level backups using Import & Export
- Creating primary objects (tables, views, indexes) once application developers have designed an application
- Define backup procedure using daily hot backups, weekly cold backups and logical backups.
- Perform backup and recovery of all Oracle databases using RMAN.
- Performing operations like Creation of Users, Session Management, and Granting Privileges to users from Applications.
- Allocating system storage and planning future storage requirements for the database system.
- Maintaining Tablespaces, Storage management, Undo Management.
- Experience in import/export utilities and SQL *Loader to loading data from text files.
- Involves overall maintenance of Oracle Database, backup, recoveries and troubleshooting activities.
- Creating, Monitoring and Managing tablespaces for distributed databases.
- Evaluate and adjust Oracle database initialized parameters in init.ora file. Monitor and optimize database performance.
- Tracking invalid objects, compiling & validating the invalid objects.
- Responsible for continuous database monitoring and reorganization for ensuring performance.
- Tuning and balancing I/O by monitoring file system and table space i/o statistics.
- Tablespace management by creating table spaces and adding data files

- ✓ Worked as an Asst. Database Administrator for **KDK Software Consultants Pvt. Ltd,** Jaipur from Apr 2010 to May 2011.

Role : Asst. DBA

Environment : ORACLE, Windows

Roles & Responsibilities:

- Creating Users with Quota Management.
- Specific privileges and roles to the users.
- Monitor physical and logical backup and Recovery Strategies.
- Backup and Recovery HOT and Cold using RMAN.
- Database creation and Management Through DBCA, NETCA.
- Logical Backup Using Export & Import.
- Usage of data dictionary views
- Participated in Database Design and Creation
- Created Tables, Synonyms, Indexes, Sequences.
- Space and resource Management.
- Implementing partitioning and materialized views.

Personal Profile:

Gender : Male
DOB : 19-02-1986
Marital Status : Married
Nationality : Indian
Language : English, Hindi

Education Qualification:

COURSE	BOARD/UNIVERSITY	YEAR	MARKS
MCA	Rajasthan Technical University, Kota	2010	68.51%
BCA	MCRPV Bhopal	2007	67.28%
12th	RBSE Ajmer	2004	60.28%
10th	RBSE Ajmer	2002	61.17%

Certifications:

OCA Oracle Certified Associate (oracle 11g Database Administration)

Oracle Database Administration I Exam 1Z0-082 19c. (oracle)

AWS Certified Solutions Architect (through linkedin leaning)

Kailash Solanki