

Oracle – DBA

Database Concepts

- Preparing Environment
- Linux Installation
- Oracle database installation
- Silent mode installation
- Automatic Startup and Shutdown
- Xming



Database Concepts

- Architecture
- Query Flow
- SGA
- PGA
- BG Process
- Startup and Shutdown
- Manual db creation
- Startup & Shutdown
- Dbca Creation
- Control file
- Log file
- Archive log file
- Manage Table spaces and Data files
- System/Sysaux
- Storage parameters
- Space parameters
- DBMS_STATS
- Undo
- Temp
- Partition
- Fragmentation
- Flashback
- Index
- Roles and Profiles
- DBMS Jobs and Scheduler

Introduction of Backup

- UMB Backup
- UMB Cloning
- UMB Recover
- System

- Undo
- Log file
- Data file

TNS/ Listener

- DB Link
- Materialized View

Logical Backup

- Export Parameter
- Import Parameter
- Exp Cloning
- Expdp Parameter
- Impdp parameter
- Data pump Cloning

Rman Introduction

- Configuration
- Commands
- Backup
- Rman Cloning
- Catalog Cloning
- No catalog Cloning
- Active Cloning
- Rman recovery
- PTTR
- Incremental Backup & Recovery

Introduction of Tuning

- Sql Tuning
- TKprof
- Stats Pack
- ASH
- ADDM
- AWR
- Wait events

Utilities

- Nid
- Cscan
- Log miner
- Orapwd
- Dbv
- Oerr

Patches and Upgradation

- Opatch utilities
- Version Patch
- CPU/PSU Patching
- Bundle Patching
- Interim Patches
- Upgrading database from 11g to 12c

Introduction of Data guard

- Architecture
- Configuration of Physical standby
- Physical to Logical Conversion
- Switchover
- Failover
- Dgmgrl
- Active Standby database

Introduction of ASM

- Asm Architecture
- Bg process
- Asm with grid installation
- Adding and Deleting Disks
- Creating database files using asm
- Asm to Non-asm
- Non-asm to Asm
- Asm disk rebalancing operation
- Disk failure