

# ORACLE 11G DBA

## 6 WEEKS



## CURRICULUM

### » ORACLE 11G DBA

- Introducing SQL Basic Commands
- Writing basic select statements
- Restricting and sorting of data
- Introducing sql function
- Single row function and group function
- Conditional Expression
- Using substitution on variable
- Introducing sql commands
- Using DDL Statements
- Managing Tables
- Data manipulation operation
- Understanding transaction
- Using transaction control statements
- Overview of locks
- Using flashback and purge command
- Granting and revoking system and object privileges
- Designing tables by using key constraints
- Deferred constraints
- Retrieving data from more than one table using join operation
- Aggregating Data Using Group Functions
- Introducing With View
- Introducing With Indexes
- Introducing With Synonyms
- Introducing With Sequence And Use With
- Databa
- Introducing Sub queries
- Single row sub query ,Multiple row sub query
- Introduction
- Correlated sub query
- Top - n analysis
- Using the Set Operators
- Inserting and Updating Data
- Deleting Data
- Creating Other Schema Objects
- Managing Objects with Data Dictionary Views
- Date and Time Function

- Rollup and Cube Operator Using Group by Function
- Multiple Insertion and Types
- Hierarchical Tree
- Sql loader

### » ADVANCED SQL

- Overview of analytical function
- Introducing inline view
- Introduction of With clause
- Materialize view
- Overview of restore
- Overview of semi join and anti join
- Embedding sub query with Dml operation

### » ORACLE DATABASE 11G : ADMINISTRATION WORKSHOP 1 RELEASE 1

- Introduction (database architecture)
- Describe course objectives
- Explore the oracle 11g database architecture
- Installing the oracle database software on windows and linux
- Creating on oracle database
- Managing the oracle instance
- Managing database strong structure
- Administering user security
- Managing the oracle instance
- Managing database storage structures
- Administering user security
- Managing schema security
- Managing schema objects
- Managing data and concurrency
- Managing undo data
- Implementing oracle database security
- Configuring the oracle network environment
- Proactive maintenance
- Performance management
- Backup and recovery concepts
- Performing database recovery
- Performing flashbacks
- Moving data

## » ORACLE DATABASE 11G: ADMINISTRATION » REDHAT LINUX WORKSHOP 2 RELEASE 2

- Introduction
- Configuring Recovery Manager
- RMAN Backup
- Recovering from Non-critical Losses
- Database recovery
- flashback
- Dealing with Database Corruption
- Monitoring and Managing Memory
- Monitoring and Managing Memory
- Managing Schema objects
- Managing Storage
- Automatic Storage Management
- Managing Resources
- Automating Tasks with the Scheduler
- Database Security
- Using Globalization Support
- Linux ideas and History
- Installation
- Linux Basic COMMANDS
- Users, Groups and Permissions
- VIM: Text Editor
- YUM server configuraton
- System configuration tools
- Investigating and managing process
- Configuring the BASH shell
- Finding and processing files
- Linux file system
- Package management
- File system management

## » ORACLE-PL/SQL

- Declaring PL/SQL identifiers
- Writing executable statements
- Writing control structures
- Using explicit cursors
- Creating stored procedures
- Creating stored functions
- Creating packages
- Creating triggers

Partners :



Java



development | consultancy | training

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