<u>Implementing Oracle11g on Real Time Simulation</u>
<u>With Hands On</u>

Duration: 7 Sessions plus Lap Hours

Pre-requisites: Proper and sound knowledge of Oracle database administration

<u>Path</u>

Virtualization Technology	→	Installing Oracle 11g on Virtual Environment	→	Configure and Manage Server

<u>Curriculum</u>

Module 1: Introduction to Virtualization Technology

- What is Virtualization Technology
- Types of Virtualization
- How Virtualization can help to cut the cost
- Demonstration of Virtual Infrastructure

Module 2: Installing Oracle 11g on Virtual Environment

- Assumption of Scenario
- Database Designing for Scenario
- Setting Up Windows 2008 Server Environment For Oracle Installation
- Installing Oracle 11g R2 Software
- Creating Database Without Sample Schema

- **Module 2: Installing Oracle 11g on Virtual Environment**

- Creating Schemas and Delegating Authorities with Roles and Privileges
- Implementing Database Designing
- Generating Runtime SQL statement for common tasks
- Installing "TOAD For Oracle" for administrative jobs
- Installing "NAVICAT For Oracle" on Client Devices
- Implementing Clients and Server inside virtual private network to access each other
- Setting up Backup procedures
- Automating Backup