



Oracle Database Administration Workshop II

مدت دوره: ۴۰ ساعت

پیش نیاز: Oracle Database Admin Workshop I

فلاصه:

This course advances your success as an Oracle professional in the area of database administration. In this class, you'll learn how to configure an Oracle database for multilingual applications. You will practice various methods of recovering the database using RMAN and Flashback technology. Database performance monitoring tools will be covered, in addition to the steps to take to resolve common problems and improve performance. You will also learn how to administer a database efficiently by using database technologies such as the Resource Manager, the Scheduler, Automatic Storage Management (ASM), and VLDB features. You will set up a secure database using Virtual Private Database, and learn how to efficiently move data from database to database. The lesson topics are reinforced with structured hands-on practices and a workshop. This course is designed to prepare you for the corresponding Oracle Certified Professional exam.

اهداف دوره: در انتهای این دوره دانشجویان قادر خواهند بود:

- Define networking requirements and the solutions provided by Oracle to implement these requirements
- Perform database and datafile backups with and without Recovery Manager (RMAN)
- Configure the network environment for an Oracle client-server system
- List the different Oracle backup methods and recovery operations that can be used to resolve database failure
- Describe the database utilities (Export and Import) and the situations where they can be used
- Develop network configuration and recovery techniques through various workshop scenarios
- List the Oracle architecture components related to backup and recovery operations

سرفصل دوره:

- Introduction
- Configuring Recovery Manager
- Using Recovery Manager
- Recovering from Noncritical Losses
- Database Recovery
- Flashback
- Dealing with Database Corruption
- Monitoring and Managing Memory
- Automatic Performance Management
- Managing Schema Objects
- Managing Storage
- Automatic Storage Management
- Managing Resources
- Automating Tasks with the Scheduler
- Database Security
- Using Globalization Support