

## Oracle Database Security (40 hrs.)

In this course, students learn how they can use Oracle Database features to meet the security, privacy and compliance requirements of their organization.

**Prerequisites:** Oracle Database 11g Administration Workshop I

### Course Topics:

- Use basic Oracle Database security features
- Choose a user authentication model
- Secure the database and the listeners
- Use the Enterprise Security Manager tool
- Manage users using proxy authentication
- Implement Enterprise User Security
- Describe the benefits and requirements associated with the Oracle Advanced Security option
- Manage secure application roles
- Implement fine-grained access control
- Manage Virtual Private Database
- Implement fine-grained auditing
- Use Transparent Data Encryption
- Use file encryption
- Encrypt and decrypt table columns
- Set up Oracle Label Security policies