The Oracle Database 11g Security Essentials Exam Study Guide is designed to provide students with the information that can help them learn more to pass the Oracle Database 11g Security Essentials Exam (1Z0-528).

The exam audience is represented by professionals that are skilled in implementing solutions using Oracle Database 11g security options. The exam targets the intermediate-level implementation team member. Up-to-date training and field experience are recommended.

The exam objectives are defined by learner or practitioner level of knowledge.

Learner-level: questions require the candidate to recall information to derive the correct answer

Practitioner-level: questions require the candidate to derive the correct answer from an application of their knowledge

For each exam topic there have been identified alternative training options that are available at Oracle. Please note that some of the training recommended can cover multiple exam topics.

The exam covers 5 topics.

**Topic 1: Overview of Oracle Database 11g security options**

**Objectives**
- Explain and differentiate the four main security options available
- Differentiate VPD and Label Security from the standard database security options
- Identify the factors leading to the need for enhanced security

**Level**
- Practitioner
- Practitioner
- Learner

**Training Options**
- **Boot Camp**
  - Oracle Database 11g Security Options Implementation Boot Camp
- **Online Training**
  - Oracle Database 11g: Addressing Customer Data Privacy, Regulatory Compliance, and Insider Threats

**Topic 2: Audit Vault**

**Objectives**
- Explain the benefits provided by Audit Vault
- Explain the architecture of Audit Vault components
- Explain the purpose and limitations of different Audit Vault collectors and agents
- Implement and maintain the Audit Vault environment

**Level**
- Practitioner
- Learner
- Practitioner
- Practitioner

**Training Options**
Topic 3: Advanced Security Option (ASO)

Objectives
- Describe different encryption options and their effects
- Differentiate between column encryption and tablespace encryption
- Use maintenance practices for encryption
- Describe interaction of ASO with other options and tools
- Explain the use of wallets with ASO

Level
- Learner
- Learner
- Learner
- Learner
- Practitioner

Training Options
- Boot Camp
  - Oracle Database 11g Security Options Implementation Boot Camp
- Online Training
  - Oracle Audit Vault 10.2.3.1 TDS Demo

Topic 4: Database Vault

Objectives
- Explain how using Database Vault affects a production environment
- Describe the components of Database Vault
- Use Database Vault to implement secure access

Level
- Learner
- Learner
- Practitioner

Training Options
- Boot Camp
  - Oracle Database 11g Security Options Implementation Boot Camp
- Online Training
  - Protecting Applications Using Oracle Database Vault

Topic 5: Enterprise Manager Data Masking Pack

Objectives
- Describe the features of the Data Masking pack
- Use the Data Masking Pack to implement user security

Level
- Practitioner
- Practitioner

Training Options
- Boot Camp
  - Oracle Database 11g Security Options Implementation Boot Camp