StorageTek Tape Libraries Essentials Exam Study Guide

The StorageTek Tape Libraries Implementation Specialist exam study guide is designed to assist the learner in passing the StorageTek Tape Libraries Essentials – 1Z0-546.

The exam audience is senior-level implementation consultants who are using and implementing StorageTek tape solutions in the field, and/or have knowledge acquired through alternate training or on-the-job experience.

The objectives for this exam are defined as learner or practitioner levels of knowledge:

- **Learner-level:** questions require candidates 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, alternative training options have been identified that are available at Oracle. Please note that some of the training recommended will cover multiple exam topics.

**The exam covers 6 topics:**

**Topic 1: StorageTek Tape Overview**

**Objectives**

| Explain key systems features by model (e.g., scalability, any drive/any slot, partitioning) | Learner |
| Describe modular design of each library | Learner |
| Describe which drive types are supported by each library model | Learner |
| Understand differences in capacity/throughput based on combination of library and drives | Learner |
| Describe tier 1 applications supported by libraries | Learner |

**Training Options**

- **Online Training**
  - [Product Essentials For Sales Consultants - StorageTek SL500 Modular Library System](#)
  - [Product Essentials For Sales Consultants - StorageTek SL3000 Modular Library System](#)
  - [Product Essentials For Sales Consultants - StorageTek SL8500 Tape Library](#)
Topic 2: Enterprise and Midrange Tape Drives

Objectives
Install and configure drives using the Virtual Operator Panel (VOP)  Level Learner
Understand cables, connectors and networking considerations  Level Practitioner
Activate/install encryption  Level Practitioner
Manage conversions from one library to another  Level Practitioner

Training Options
- Online Training
  - FY11 Storage Symposium: StorageTek Tape Drives

Topic 3: SL8500 Configuration & Best Practices

Objectives
Evaluate tape application workloads  Level Practitioner
Create a content management plan  Level Practitioner
Add and configure libraries (PTP, ACSLS)  Level Practitioner
Manage cartridge access ports  Level Practitioner
Configure network connectivity (dual TCP/IP, multi TCP/IP)  Level Practitioner
Optimize library performance  Level Practitioner
Minimize elevator and PTP activity  Level Practitioner
Perform library audit  Level Practitioner
Create a partitioning plan  Level Practitioner
Describe when to use logical vs. physical partitioning  Level Practitioner

Training Options
- Online Training
  - SL8500 Best Practices Guide

Topic 4: SL3000 Configuration & Best Practices

Objectives
Install SLC  Level Practitioner
Configure storage capacity  Level Practitioner
Configure partitions within an SL3000 library  Level Practitioner
Utilize library management reporting: libraries, drives, media  Level Practitioner
Optimize library performance  Level Practitioner
Run library diagnostic reports  Level Practitioner
Perform library audit  Level Practitioner

Training Options
- Online Training
  - WZI-2540: SL3000 Modular Library System Overview Course
Topic 5: SL500 Configuration & Best Practices

Objectives

- Configure storage capacity
- Install SLC
- Install a Hardware Activation Key
- Configure partitions within a SL500 library
- Utilize Library management reporting: libraries, drives, media

Level

- Practitioner

Training Options

- Online Training
  - Coming soon!

Topic 6: ACSLS

Objectives

- Install and configure ACSLS for the SL500, SL3000 and/or SL8500
- Perform the ACSLS commands
- Perform the backup and restore processes
- Perform tape pool maintenance
- Configure tape drives
- Manage cartridge locations
- Find missing cartridges
- Use the dynamic configuration utility
- Change ACSLS library and component configuration
- Optimize mount and dismount performance

Level

- Practitioner

Training Options

- Instructor Led Training (delivered by Oracle University)
  - ACSLS Systems Administration (STK-0457)