

Industry Essentials: Enterprise Storage



Delivery: Web-based training (WBT)

Duration: 30 minutes

Course Description

Discover the terminology and foundational technologies that enterprise companies use to store and manage data. Explore data management techniques and technologies for storing data and mechanisms for protecting data. Also, learn about the types of storage systems and storage networking technologies. The course covers key concepts of business continuity, storage security, storage management, and cloud computing.

Audience

NetApp customers, partners, and employees

Prerequisites

A fundamental understanding of computer architecture, application software, computer networking, and network protocols is recommended.

Objectives

This course focuses on enabling you to do the following:

- Identify the key components of an enterprise IT infrastructure and the types of storage devices
- Describe the types of storage systems, their architectures, and their components
- List the types of storage networking technologies
- Explain data protection mechanisms, storage security, and data compliance
- Articulate the key processes for storage infrastructure monitoring and management
- Provide an overview of cloud storage technologies

Course Content

This course includes the following modules and lessons:

Lessons	Topics
Module 1: Data center infrastructure	<ul style="list-style-type: none">• What is a data center?• Enterprise IT infrastructure components
Module 2: How storage media works	<ul style="list-style-type: none">• Types of storage media• Knowledge check• SSDs• Benefits of SSDs over HDDs
Module 3: Components of a storage system	<ul style="list-style-type: none">• What is a storage system?• Controller architecture• Caching• Storage cluster and network• Scale-up and scale-out storage• Storage system options
Module 4: Storage connectivity and interfaces	<ul style="list-style-type: none">• Server storage connectivity• DAS environment• Networked storage• Common storage interfaces
Module 5: Cloud storage	<ul style="list-style-type: none">• Cloud computing• Cloud service models• Cloud storage services and types• Cloud use cases

**Module 6:
Critical storage aspects**

- Data availability
- Data protection
- Data security
- Data governance, risk, and compliance

Course ID: SALES-WBT-IESTR
11 November 2024