



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# Configuring & Monitoring NetApp E-Series Storage Systems

## CODE:

NEP\_ES-SS-CM

## LENGTH:

32 Hours (4 days)

## PRICE:

kr46,300.00

## Description

In this course, you learn how to recommend configurations based on a pre-deployment assessment for a new NetApp E-Series or EF-Series storage system. In the deployment phase, you use both the NetApp SANtricity® storage management and system management software to create the configuration, perform administrative tasks, and employ data protection features. During post-deployment, you use SANtricity system management software to collect storage system information for trend analysis, troubleshooting, performance monitoring, and tuning.

## Objectives

This course focuses on enabling you to do the following:

- Identify and use administrative and support tools for E-Series storage systems
- Install SANtricity Storage Manager software on a host platform
- Recommend and create logical configurations on E-Series storage systems
- Manage volume group and dynamic disk pools using SANtricity System Manager
- Perform routine E-Series administrative tasks using SANtricity System Manager
- Configure and administer E-Series features such as SANtricity Snapshot image, volume copy, and mirroring technologies
- Collect E-Series storage system information such as the event log, profile, and support bundle

## Audience

This course is designed for Professional Services workers who are NetApp employees, NetApp partners, or NetApp customers.

## Prerequisites

Basic Windows administrative experience plus technical Overview of NetApp E-Series Storage Systems

## Programme

E-Series and EF-Series storage products  
SANtricity management interfaces  
SANtricity storage manager  
SANtricity unified manager

### Module 1: Introduction to E-Series and EF-Series Storage

System manager overview  
Configuration and I/O Operations  
Cache and battery operation  
Data assurance  
Media scan

### Module 2: E-Series and EF-Series Functionality

Drive security  
Host-Side configuration concepts  
Disk-side configuration concepts  
Pool and volume group configuration concepts  
Initial setup steps

### Module 3: Configuration Concepts and Initial Setup

Additional setup steps  
Volume groups  
Creating volume groups and volumes  
System administration tasks

### Module 4: Volume Group Administration

Managing volume group disks

### Module 5: Pools Administration

Pools

Creating unsecured disk pools and volumes

Creating secure pools

System administration tasks

Managing disk pool disks

SSD Cache overview

**Module 6: SSD Cache Administration** SSD Cache administration

The SANtricity Snapshot Feature

Snapshot administration

Snapshot volume operational sequences

Snapshot volume administration

**Module 7: Snapshot Administration** Snapshot consistency group administration **Module 8: Copy Volume Function**

Mirroring technology

Synchronous mirroring

Synchronous mirroring administration

Asynchronous mirroring

Asynchronous mirroring administration

Copy volume function overview

Copy volume administration

**Module 9: Mirroring Administration** SANtricity feature considerations

Resources for collection and monitoring

Storage array component information

AutoSupport support tool

Informational files

**Module 10: Data Collection and Monitoring** Performance monitoring

**Module 11: General Administrative Tasks**

General administrative tasks

Alert management

Storage array, controller and drive tasks

Managing upgrades

**Test and Certification**

This course is part of the NetApp Certified Implementation Engineer (NCIE) – SAN Specialist (E-Series) certification

**Session Dates**

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
19 Aug 2024	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr46,300.00
07 Oct 2024	Virtual Classroom (GMT)	BST	English	Instructor Led Online		kr46,300.00

**Ytterligare information**

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)