



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Configuring & Monitoring NetApp E-Series Storage Systems

CODE:	LENGTH:	PRICE:
NEP_ES-SS-CM	32 Hours (4 days)	€3,800.00

## 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

## Options

Training Units: 48

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
19 Aug 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€3,800.00
07 Oct 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€3,800.00

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)