



**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
<b>Module 1: Introduction to E-Series and EF-Series Storage</b>	System manager overview
	Configuration and I/O Operations
	Cache and battery operation
	Data assurance
	Media scan
<b>Module 2: E-Series and EF-Series Functionality</b>	Drive security
	Host-Side configuration concepts
	Disk-side configuration concepts
	Pool and volume group configuration concepts
	Initial setup steps
<b>Module 3: Configuration Concepts and Initial Setup</b>	Additional setup steps
	Volume groups
	Creating volume groups and volumes
	System administration tasks
<b>Module 4: Volume Group Administration</b>	Managing volume group disks
	<b>Module 5: Pools Administration</b>

Pools						
Creating unsecured disk pools and volumes						
Creating secure pools						
System administration tasks					SSD Cache overview	
Managing disk pool disks					SSD Cache administration	
		<b>Module 6: SSD Cache Administration</b>				
		The SANtricity Snapshot Feature				
		Snapshot administration				
		Snapshot volume operational sequences				
		Snapshot volume administration				
<b>Module 7: Snapshot Administration</b>		Snapshot consistency group administration		<b>Module 8: Copy Volume Function</b>		
				Mirroring technology		
				Synchronous mirroring		
				Synchronous mirroring administration		
				Asynchronous mirroring		
				Asynchronous mirroring administration		
Copy volume function overview						
Copy volume administration		<b>Module 9: Mirroring Administration</b>		SANtricity feature considerations		
		Resources for collection and monitoring				
		Storage array component information				
		AutoSupport support tool				
		Informational files				
<b>Module 10: Data Collection and Monitoring</b>		Performance monitoring		<b>Module 11: General Administrative Tasks</b>		
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 / 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.](#)