



TRAINING OFFERING

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Configuring & Monitoring NetApp E-Series Storage Systems

CODE:	LENGTH:	PRICE:
NEP_ES-SS-CM	32 Hours (4 days)	£3,460.00

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		SSD Cache overview
Managing disk pool disks	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
Copy volume function overview		Asynchronous mirroring administration
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
13 Jan 2025	Virtual Classroom	GMT	English	Instructor Led Online		£3,460.00
07 Apr 2025	Virtual Classroom	BST	English	Instructor Led Online		£3,460.00
26 Aug 2025	Virtual Classroom	BST	English	Instructor Led Online		£3,460.00
13 Oct 2025	Virtual Classroom	BST	English	Instructor Led Online		£3,460.00
13 Jan 2025	Arrow ECS Harrogate	GMT	English	Instructor Led Online		£3,460.00
07 Apr 2025	Arrow ECS Harrogate	BST	English	Instructor Led Online		£3,460.00
26 Aug 2025	Arrow ECS Harrogate	BST	English	Instructor Led Online		£3,460.00
13 Oct 2025	Arrow ECS Harrogate	BST	English	Instructor Led Online		£3,460.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.