



Arrow ECS Finland Oy - 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:

€4,080.00

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					SSD Cache administration	
		Module 6: 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 / UTC)		English	Instructor Led Online		€4,080.00
07 Oct 2024	Virtual Classroom (GMT / UTC)		English	Instructor Led Online		€4,080.00

Additional Information

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