



Arrow ECS Finland Oy - 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) | €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
 Managing disk pool disks

SSD Cache overview
 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 |
|-------------|-------------------------------|-----------|----------|-----------------------|------------|-----------|
| 17 Apr 2023 | Virtual Classroom (GMT / UTC) | BST | English | Instructor Led Online | | €4,080.00 |
| 30 May 2023 | Virtual Classroom (GMT / UTC) | BST | English | Instructor Led Online | | €4,080.00 |

Additional Information

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