E-Series SANtricity Administration (NA- ESADM)

Course Description

Explore how to deploy, configure, and monitor NetApp® E-Series and EF-Series storage systems. In the deployment phase, you use NetApp SANtricity® Storage Manager and SANtricity System Manager to create the configuration, perform administration tasks, and examine data protection features. During post-deployment, you use SANtricity Unified Manager and System Manager to collect storage system information for trend analysis, troubleshooting, performance monitoring, and tuning.

Course Duration:

2 days

Prerequisites:

E-Series Fundamentals

Objectives:

This course focuses on enabling you to do the following:

- Explore the features of NetApp E-Series and EF-Series storage systems
- Identify and use administrative and support tools
- Describe and implement configuration concepts
- Perform routine volume administration tasks
- Perform volume group and disk pool administration tasks
- Identify and perform general system administration tasks
- Collect and monitor pertinent storage system information
- Implement data protection features

Course Outline:

Module 1: Introduction to E-Series and EF-Series storage systems

- Introduction to E-Series and EF-Series storage systems
- SANtricity System Manager
- SANtricity Web Services Proxy
- SANtriciy REST API

Module 2: Configuration concepts and initial setup

- Host-side configuration concepts
- Drive-side configuration concepts
- Volume group and disk pool considerations
- Initial setup steps
- Additional setup steps

Module 3: Disk pool administration

- Disk pools
- Disk pool administration
- General disk pool administration tasks
- Managing disk pool disks

Module 4: Volume group administration

- Volume groups
- Volume group administration
- General volume group administration tasks
- Managing volume group disks

Module 5: SSD cache administration

- Introduction to SSD cache
- SSD cache administration

Module 6: General administration tasks

- General administration tasks
- Alert management
- Storage array, controller, and drive tasks
- Managing upgrades

Module 7: Data collection and monitoring

- Resources for data collection and monitoring
- Storage array component information
- AutoSupport tool
- Storage array operability and state files
- Performance monitoring

Who Should Attend:

Solutions engineer (SE), architect, support engineer, implementation engineer, and professional services.