ONTAP ASA Administration (ASAADM)

Course Description

In this course, you learn how to support and administer NetApp ONTAP based All SAN Array storage systems. Learning is reinforced through simulations and guided exercises. The course materials include a exercise workbook that serves as an on-the-job reference guide.

Course Duration:

2 days.

Prerequisites:

The learner should have some knowledge of Storage Area Networking.
- Introduction to the ASA
- ONTAP ASA Fundamentals

Objectives:

This course focuses on enabling you to do the following:

- Analyze ONTAP SAN architecture
- Identify iSCSI, FC, and NVMe concepts
- Install NetApp Host Utilities
- Configure an IP SAN environment for iSCSI and NVMe/TCP
- Perform routine management tasks including data protection and cloning

Course Outline:

Module 1: ONTAP SAN configuration overview

- ONTAP virtual architecture
- IP SAN configurations
- FC SAN configurations
- Provisioning preparation

Module 2: iSCSI configuration concepts

- iSCSI configuration recommendations
- iSCSI feature overview

Module 3: FC configuration concepts
- FC configuration recommendations
- FC and FCoE zoning
- Cisco switches
- Brocade switches

Module 4: NVMe-oF configuration concepts
- NVMe introduction
- NVMe-oF encapsulation
- NVMe integration in ONTAP software

Module 5: SAN host integration
- Host considerations
- Windows hosts
- Linux, UNIX, and VMware hosts

Module 6: IP SAN connectivitiy
- Configuring a host for IP SAN
- iSCSI configuration example
- NVMe/TCP configuration

Module 7: SAN availability and data protection
- High availability and multipathing
- Data protection in SAN environments

Who Should Attend:

Storage Administrator, architect, and operator