ONTAP 9.x Transition Bundle (ONTAP9XTB)

Modality: Virtual Classroom

Duration: 2 Days

NATU: 24 Units

About this Course:

Technology has become pertinent for all businesses today and no industry can boast of success without incorporating modern technology. This has led to a constant rise in the demand for It experts. A Net App Systems Administrator can earn up to an average of **$102,764** per annum.

This course is a composite course and includes material from two separate courses chiefly; What's New in ONTAP 9.0 (ADMIN90) and ONTAP Administration: What's New in ONTAP 9.1 (ADMIN91). This course primarily targets those individuals who have already mastered Net App 8.3 Administration and aspire to upgrade their skills by transitioning to the ONTAP 9.1 technology.

All those who enroll for this course will be automatically signed up for both the courses. Subsequently, they will also receive two separate enrollment emails.

Course Objectives:

By the end of this course, the students should be have learnt the following skills and be able to;

- Gain a comprehensive understanding of the new features included in the ONTAP 9.0 and ONTAP 9.1 at the point of its release
- Learn to recognize the multiple deployment options available.
- Learn about the feature enhancements to the FAS, All Flash FAS, and On Command software
- Gain skills needed to configure encrypted volumes through Net App Volume Encryption (NVE) and massively scalable containers via Flex Group volumes
- Learn how to configure SMB workgroup authentication, Snap Lock, RAID-TEC, onboard key management and Snap Mirror for Storage Virtual Machine

Audience:

This course is targeted towards the following audience;

- Network Engineers
- Managers
- Sales Engineers
- Partners

Prerequisites:

These are the prerequisites which are an absolute requirement for attending this course.

- A previous working knowledge of clustered Data ONTAP 8.3

Course Outline:

Module 1: ONTAP 9 Software

- ONTAP 9 overview
- Hardware platforms
- Supported platforms
- Software-defined ONTAP
- ONTAP Select
- ONTAP Cloud

Module 2: Management Software Enhancements

- OnCommand management portfolio
- System manager enhancements
- SnapCenter 2.0

Module 3: Unified Storage Enhancements

- CIFS workgroup support
- SMB authentication methods
- Unsupported features
- CIFS server
- Storage performance
- OnCommand performance manager
- Rehosting a volume

Module 4: All Flash FAS Enhancements

- Overview
- Write acknowledgment
- Read performance
- Efficiency features
- Inline data compaction
- Storage consumption
- Drive partitioning
- AFF efficiency calculator
- SAN-optimized provisioning
- NAS-optimized provisioning

Module 5: Data Availability and Protection Enhancements

- SnapLock software
- RAID-TEC

- Onboard key manager
- Data protection enhancements
- SnapMirror for SVMs
- SVM DR enhancements

ONTAP 9.1

Module 1: ONTAP 9.1 New Features

- Highlights
- Additional enhancements
- ONTAP Select
- ONTAP cloud for AWS and Azure
- OnCommand enhancements
- System Manager Dashboard
- Cluster Setup

Module 2: Hardware Refresh

- New FAS Platforms
- New All Flash FAS platforms
- Connectivity enhancements
- New storage shelf portfolio

Module 3: Storage Encryption

- Encryption technologies
- Volume encryption
- Creating an encrypted volume

Module 4: FlexGroup Volumes

- Overview
- Scale-out NAS
- FlexVol volumes vs. FlexGroup volumes
- FlexGroup volume file creation
- Storage Failovers (SFO)
- Managing FlexGroup volumes