

# **Protecting VMware vSphere (PROVMVSP)**

**Modality:** Virtual Classroom

**Duration:** 1 Day

**NATU:** 12 Units

## **About this course:**

This course describes the deployment of the SnapCenter Plug-in for VMware vSphere. In this course, you learn about the features of the plug-in and learn how to install and perform initial configuration of the plug-in. You also use NetApp SnapCenter software to learn how to protect and restore VMware virtual machines (VMs) and datastores. Through instructor-led presentations and web-based courseware, you gain knowledge about these topics. Hands-on exercises provide you with experience in performing these tasks.

## **Course Objective:**

This course focuses on enabling you to do the following:

- Describe the features of the Plug-in for VMware vSphere
- List supported deployment scenarios
- Explain how to use role-based access control (RBAC) features, when given specific scenarios
- Outline details for installing the Plug-in for VMware vSphere
- List prerequisite tasks before installation
- Illustrate NetApp Virtual Storage Console software client plug-in (VSC) host migration to SnapCenter software
- Describe data protection strategies for VMware vSphere
- Use the Plug-in for VMware vSphere to demonstrate how to back up and restore VMware VMs, Virtual Machine Disks (VMDKs), and datastores
- Use the Plug-in for VMware vSphere to identify the steps to mount and unmount a datastore backup

## **Audience:**

- NetApp and NetApp partner professional services, system engineers, and customers.

## **Prerequisite:**

- ONTAP Cluster Administration
- Data Protection Administration
- SnapCenter Fundamentals
- NetApp SnapCenter Administration

## **Course Outline:**

## **Module 1: SnapCenter Plug-in for VMware vSphere Overview**

- Features and benefits
- Deployment scenarios and configurations
- RBAC integration
- Installation workflow

## **Module 2: Installing and Configuring the SnapCenter Plug-in for VMware vSphere**

- Installation and configuration
- VSC host migration

## **Module 3: Creating and Backing Up VMware Resources**

- Defining a data protection strategy
- Backing up VMs, VMDKs and datastores

## **Module 4: Restoring VMware Resources**

- Restoring VMs and VMDKs from backups
- Restoring guest files and folders
- Mounting and unmounting datastores

### **Labs:**

- Configuring storage
- Configuring VMware backup jobs
- Restoring VMware resources