Using NetApp tools for VMware vSphere

Category: Infrastructure & IT Operations | **Vendor:** VMware

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Learn how to deploy, manage, and protect VMware virtual infrastructure on NetApp® storage by using NetApp ONTAP® software in SAN and NAS environments. Explore NetApp ONTAP tools for VMware vSphere, which includes Virtual Storage Console (VSC), NetApp VASA (vSphere API for Storage Awareness) Provider, and Storage Replication Adapter (SRA). Configure and use ONTAP tools Open Virtualization Appliance (OVA) to create traditional datastores, VMware vSphere Virtual Volumes (vVols), and vVols datastores. Use VSC to create these datastores for granular virtual machine (VM) storage policy-based management (SPBM)

About This Course

Learn how to deploy, manage, and protect VMware virtual infrastructure on NetApp® storage by using NetApp ONTAP® software in SAN and NAS environments. Explore NetApp ONTAP tools for VMware vSphere, which includes Virtual Storage Console (VSC), NetApp VASA (vSphere API for Storage Awareness) Provider, and Storage Replication Adapter (SRA). Configure and use ONTAP tools Open Virtualization Appliance (OVA) to create traditional datastores, VMware vSphere Virtual Volumes (vVols), and vVols datastores. Use VSC to create these datastores for granular virtual machine (VM) storage policy-based management (SPBM)

Who Should Attend

- Administrator
- Engineer
- Architect

Prerequisites & Entry Requirements

General Prerequisites:

- ONTAP Cluster Administration ONTAP Cluster Administration (ONTAP9ADM)
- ONTAP Data Protection ONTAP Data Protection Administration (DATAPROT9)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This course focuses on enabling you to do the following:

- Describe the overall architecture of the integration of ONTAP tools for VMware vSphere features
- Identify the overall concepts of ONTAP tools for VMware vSphere
- Explain how to deploy and upgrade ONTAP tools
- Configure and apply best practices to ONTAP tools
- Illustrate how to protect datastores and VMs by using ONTAP tools and NetApp SnapCenter software
- Manage datastores, VMs, and ESXi hosts with ONTAP tools
- Demonstrate how to automate storage infrastructure by using ONTAP tools REST APIs

Detailed Course Outline

Module 1: Introduction to ONTAP tools

- ONTAP tools architecture
- High availability for ONTAP tools
- Using ONTAP tools for disaster recovery
- SnapCenter Plug-in for VMware vSphere
- ONTAP tools use cases
- ONTAP tools protocols
- ONTAP tools automation

Module 2: Deploy and upgrade ONTAP tools

- Interoperability of ONTAP tools

- ONTAP tools quick start

- Role-based access control

- Renewing an ONTAP self-signed SSL certificate

Module 3: Configure ONTAP tools

- Configure ONTAP tools

- Storage capability profiles

- Configure traditional datastores with storage capability profiles

- Create and configure vVols

Module 4: Using ONTAP tools to protect data

- Why NetApp for VMware SRM

- Disaster recovery with SRM

- SnapMirror active sync

- Capabilities and protection policies

- Quorum witness

- Transparent Application Failover

Module 5: Managing the use of ONTAP tools

- Dashboard overview

- Defining storage capability profiles

- Creating VMware vSphere VM storage policies

Module 6: Using SnapCenter Plug-in for VMware vSphere to protect VMs

- SnapCenter Plug-in for VMware vSphere

Module 7: Using automation with ONTAP tools

- Ways to automate
- ONTAP tools API workflow
- vCenter Server API Explorer

Skills You Will Learn:

This course focuses on enabling you to do the following:

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Frequently Asked Questions

Q: What delivery options are available for Using NetApp tools for VMware vSphere?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Using NetApp tools for VMware vSphere course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Using NetApp tools for VMware vSphere training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Using NetApp tools for VMware vSphere?

Yes, we provide corporate training, dedicated training, and closed classes for Using NetApp tools for VMware vSphere. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Using NetApp tools for VMware vSphere, NetApp Virtualisation, UOTFVVS

Q: Why choose Nexus Human for Using NetApp tools for VMware vSphere?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Using NetApp tools for VMware vSphere training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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