Automating ONTAP REST APIs with Ansible

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

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 automate administration of NetApp ONTAP based system by using modern REST APIs and Ansible. Learn how to use Ansible framework to automate and deploy storage administration tasks by invoking NetApp ONTAP modules from within Ansible playbooks. Additionally, you learn how to configure your system for SMB, NFS, S3 and SAN protocols.

About This Course

Learn how to automate administration of NetApp ONTAP based system by using modern REST APIs and Ansible. Learn how to use Ansible framework to automate and deploy storage administration tasks by invoking NetApp ONTAP modules from within Ansible playbooks. Additionally, you learn how to configure your system for SMB, NFS, S3 and SAN protocols.

Who Should Attend

- Administrator, engineer, architect, operator
- Sales, customer success manager, solutions engineer (SE), architect, support engineer, implementation engineer, professional services

Prerequisites & Entry Requirements

General Prerequisites:

ONTAP Cluster Administration ONTAP Cluster Administration (ONTAP9ADM)

Learning Outcomes

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

This course focuses on enabling you to do the following:

- Analyze ONTAP REST APIs and Ansible frameworks.
- Illustrate how to invoke NetApp ONTAP modules from within Ansible playbooks to automate storage administration tasks.
- Configure SMB, NFS, S3, and SAN protocols programmatically by using Ansible playbooks.
- Identify the performance metrics of ONTAP system.

Detailed Course Outline

Module 0: Welcome

- Architecture of lab environment

Module 1: Overview of ONTAP REST API

- What is REST API?
- ONTAP REST API Documentation

Module 2: Ansible Basics

- Introduction to Ansible
- Basics of Ansible
- Ansible Playbooks
- Ansible Modules
- Coding Demonstrations of Playbooks

Module 3: SMB Configuration

- SMB Configuration via Ansible

Module 4:NFS Configuration

- NFS Configuration via Ansible

Module 5:S3 Configuration

- S3 object storage configuration via Ansible

Module 6:SAN Configuration

- SAN REST API Documentation
- iSCSI Configuration
- FCP and NVME-oFConfiguration
- Playbooks and Ansible Modules

Module 7:Performance Monitoring

- ONTAP performance
- Performance Metrics
- Collecting ONTAP Performance Metrics
- ONTAP System Manager

Skills You Will Learn:

This course focuses on enabling you to do the following:

- Analyze ONTAP REST APIs and Ansible frameworks.
- Illustrate how to invoke NetApp ONTAP modules from within Ansible playbooks to automate storage administration tasks.
- Configure SMB, NFS, S3, and SAN protocols programmatically by using Ansible playbooks.
- Identify the performance metrics of ONTAP system.

Frequently Asked Questions

Q: What delivery options are available for Automating ONTAP REST APIs with Ansible?

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 Automating ONTAP REST APIs with Ansible 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 Automating ONTAP REST APIs with Ansible 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 Automating ONTAP REST APIs with Ansible?

Yes, we provide corporate training, dedicated training, and closed classes for Automating ONTAP REST APIs with Ansible. 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: Automating ONTAP REST APIs with Ansible, NetApp Platform OS, RSTAN

Q: Why choose Nexus Human for Automating ONTAP REST APIs with Ansible?

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 Automating ONTAP REST APIs with Ansible 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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