

Using REST API with HPE OneView, Rev. 24.12

H9TS5AAE

HPE course number	H9TS5AAE
Course length	8 hours
Delivery mode	eLearning
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In this course you will learn to work with the HPE OneView REST API. You will create/edit/remove resources with the REST API using different access methods – through Postman, cURL, and PowerShell. You will see demonstrations of each topic and then you will have the chance to practice what you've learned within a virtual lab environment.

Audience

System administrators, network administrators, storage administrators, and consultants who manage and monitor an HPE environment using HPE OneView.

Prerequisites

HPE OneView Administration (H4C04S), or equivalent skills and experience

Course objectives

- Describe the basics of the REST API
- Describe and use REST API requests – GET, POST, PUT/PATCH, DELETE
- Use browser tools to sniff requests sent between your browser and OneView
- Use Postman for sending REST API requests to OneView with Hands-on Labs
- Use cURL for sending REST API requests to OneView with Hands-on Labs
- Use the PowerShell library for sending REST API requests to OneView with Hands-on Labs

Detailed course outline

Introduction to REST API

REST API and HPE OneView

REST API Tools

Configuring HPE OneView using REST API

Detailed lab outline

Lab 0 : Accessing HPE OneView Lab	<ul style="list-style-type: none">Exercise 1 - Accessing the HPE Virtual Labs environmentExercise 2 - Accessing the virtual machine appliance	<ul style="list-style-type: none">Exercise 3—Examining resources
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Lab 1 : Exploring REST API for HPE OneView	<ul style="list-style-type: none">Exercise 1 – What is REST API?Exercise 2 - Browsing the OneView API online reference
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Lab 2 : REST API Tools - Postman, cURL and PowerShell	<ul style="list-style-type: none">Exercise 1 - Using PostmanExercise 2 - Using cURL utiliy	<ul style="list-style-type: none">Exercise 3 - Using PowerShell Library
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Lab 3 : Creating HPE OneView resources using REST API	<ul style="list-style-type: none">Exercise 1 - Using PostmanExercise 2 - Using cURL utiliy	<ul style="list-style-type: none">Exercise 3 - Using PowerShell Library
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