



# Using REST API with HPE OneView, Rev. 24.12 H9TS5AAE

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| <b>HPE course number</b>                          | H9TS5AAE  |
| <b>Course length</b>                              | 8 hours   |
| <b>Delivery mode</b>                              | eLearning   |
| <b>Access period</b>                              | Unlimited access for one year from the date of purchase |
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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.

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## 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

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Introduction to REST API

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REST API and HPE OneView

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REST API Tools

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Configuring HPE OneView using REST API

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## Detailed lab outline

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### Lab 0 : Accessing HPE OneView Lab

- Exercise 1 - Accessing the HPE Virtual Labs environment
- Exercise 2 - Accessing the virtual machine appliance
- Exercise 3—Examining resources

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### Lab 1 : Exploring REST API for HPE OneView

- 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

- Exercise 1 - Using Postman
- Exercise 2 - Using cURL utility
- Exercise 3 - Using PowerShell Library

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### Lab 3 : Creating HPE OneView resources using REST API

- Exercise 1 - Using Postman
  - Exercise 2 - Using cURL utility
  - Exercise 3 - Using PowerShell Library
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