



## Course Data Sheet

# CSA02SPA - Cloud Server Automation 4.6

Course No.: CSA02SPA-46	Category/Sub Category: ITOM / Cloud and Automation
For software version(s): 4.6 Software version used in the labs: n/a	Course length: Self-paced
Delivery formats: Online	Delivery type: Digital Learning

## Course Description

Participants in this training learn the skills required to understand the basics of the Cloud Service Automation (CSA) product. This training is useful for those responsible for operating and supporting the CSA Management Console and CSA Market Place Portal.

## Audience / Job Roles

Operators, System Administrators, and other personnel responsible for operating the CSA application.

## Course Objectives

Upon successful completion of this course, you should be able to:

- Explain the features and benefits of HPE Cloud Service Automation 4.6 software
- Describe user roles and interfaces
- Explain the main use of the Management Console
- Use the Marketplace Portal
- Manage subscriptions

## Prerequisites / Recommended Skills

To be successful in this course, students should have an understanding of their organization's vision on the use of cloud.

## Learning Path



## Certification

N/A

## Course Topics

Modules	Objectives
Module 1: Introduction	<ul style="list-style-type: none"><li>• Introduction to HPE Cloud Service Automation</li><li>• Objectives</li><li>• HPE CSA Primary Features</li><li>• Task and Role-based Perspective</li><li>• The Marketplace Portal – Dashboard</li><li>• Order a Service from the Marketplace Portal*</li><li>• Tailor Service Offerings Within the Management Console</li><li>• Tailored Views for Roles</li><li>• Delivering Cloud Services</li><li>• A Functional Overview of CSA</li><li>• HPE Cloud Automation Solutions</li><li>• Summary</li><li>• Assessment</li></ul>
Module 2: User Roles and Interfaces	<ul style="list-style-type: none"><li>• Introduction</li><li>• Objectives</li><li>• Catalogs</li><li>• Consumer and End User Roles</li><li>• Operations and Production Roles</li><li>• The Designer Role</li><li>• The Administrator Role</li><li>• Accessing the Management Console by Role</li><li>• Service Design and Offerings</li><li>• Service Lifecycle</li><li>• Managing Resource Providers</li><li>• Order a Service Offering*</li><li>• Verify the Flow in OO*</li><li>• Provision and Verify the Server*</li><li>• Cancel the Subscription*</li><li>• Summary</li><li>• Assessment</li></ul>

Module 3: Architecture	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Objectives</li> <li>• CSA Architecture</li> <li>• CSA Architecture Interaction</li> <li>• CSA Main Elements</li> <li>• The CSA Identity Management Component</li> <li>• The CSA Marketplace Portal</li> <li>• The CSA Service Management Console</li> <li>• The Process Engine</li> <li>• How to Access the SMC Interface</li> <li>• The CSA Service Management Console Interface*</li> <li>• How to Access the MPP Default Dashboard Interface</li> <li>• Summary</li> <li>• Assessment</li> </ul>
Module 4: The Management Console	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Objectives</li> <li>• The Organizations Application</li> <li>• Organization Types</li> <li>• Create an Organization*</li> <li>• The Providers Application</li> <li>• An Operations Orchestration Action Flow</li> <li>• Create a Provider*</li> <li>• The Designs Application</li> <li>• Design Types</li> <li>• Sequenced Service Designs</li> <li>• The Designer</li> <li>• Add Service Components for a Service Design*</li> <li>• Service Component Resource Binding and Properties*</li> <li>• Configure the Subscriber Options*</li> <li>• Configure Upgradability and Publish the Service Design*</li> <li>• Sequenced Design Components Concept</li> <li>• Sequenced Design Component Palettes</li> <li>• Sequenced Design Component Types</li> <li>• Sequenced Design Component Templates</li> <li>• Sequenced Design Service Component Properties</li> <li>• Work with Components*</li> <li>• Resource Offering Concepts</li> <li>• Create a Resource Offering*</li> <li>• The Offerings Application</li> <li>• The Offerings Concept</li> <li>• Create a Service Offering*</li> <li>• The Catalogs Application</li> <li>• Catalogs and Organizations</li> <li>• Catalogs in the Marketplace Portal</li> <li>• Assign a Service Offering to a Catalog*</li> <li>• Summary</li> <li>• Assessment</li> </ul>

Module 5: The Marketplace Portal	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Objectives</li> <li>• Access the Marketplace Portal</li> <li>• Marketplace Portal Login</li> <li>• Marketplace Portal Dashboard</li> <li>• Marketplace Portal Navigation Widgets</li> <li>• Marketplace Portal Information Widgets</li> <li>• Marketplace Portal Custom Widgets</li> <li>• Marketplace Portal Catalog</li> <li>• About Requesting a Service Offering</li> <li>• Request a Service Offering*</li> <li>• Online Services</li> <li>• Navigate the Market Place Portal Widgets*</li> <li>• Summary</li> <li>• Assessment</li> </ul>
Module 6: Subscription Management	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Objectives</li> <li>• Operations</li> <li>• Operations - Users</li> <li>• Operations - Offerings</li> <li>• Operations - Subscription Status</li> <li>• Operations - Service Instance Status</li> <li>• Work with Subscriptions*</li> <li>• Transfer Subscriptions</li> <li>• Service Component Properties for a Subscription</li> <li>• Topology for a Subscription</li> <li>• View a Topology*</li> <li>• Summary</li> <li>• Assessment</li> </ul>
Module 7: Additional Information	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Objectives</li> <li>• Related Courses</li> <li>• Certification</li> <li>• CSA Manuals</li> <li>• Join the HPE Software Community</li> <li>• Summary</li> </ul>

\* Indicates a simulation.