

## Training: Micro Focus CSA120- Cloud Service Automation Essentials



### TRAINING GOALS:

Participants in this training learn the skills that are required to implement, use, and maintain the Cloud Service Automation (CSA) product. This training is useful for those responsible for managing Hybrid Cloud deployment. Students should have experience with the Micro Focus Operations Orchestration (OO) product.

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

- Explain CSA software, terminology, components and functions
- Describe the CSA functional architecture
- Map the interoperation between CSA and products, such as Operations Orchestration
- Configure Access Control, User Roles, Permissions
- Configure Lifecycle stages
- Manage Resource Providers and Environments
- Work with Designs and Subscriptions

### Audience/Job Roles

- This course is intended for Solution Architects, System Administrators, Application Developers, and other personnel responsible for the implementation of the CSA software.

### CONSPECT:

- Course Introduction (standard content) Configuration
  - Introductions
  - Class schedule and class logistics
  - Related courses
  - Documentation
  - Lab environment details
- Introduction to CSA
  - Explain the terminology used by Cloud Service Automation
  - Explain the basic architecture of Cloud Service Automation
- User Roles and Interfaces

- List the different roles in Cloud Service Automation
- Describe service lifecycles and resource providers
- Execute a real, preconfigured scenario
- CSA Architecture
  - Describe the CSA architecture
  - List the CSA elements
  - Recognize interactions between elements
- Management Console
  - Describe all the different aspects of using the Management Console
  - Define organizations, providers, designs, offerings, and catalogs
  - Summarize the relationship between OO and CSA
- Marketplace Portal
  - Subscribe to a service offering
  - Follow up on your service request
  - Monitor your service subscriptions
- Subscription Management
  - Summarize all the different aspects of managing subscriptions
  - Modify, retire, and transfer subscriptions
  - Use the Operations area to manage subscriptions
- CSA OO Integration
  - Write OO flows for CSA
  - Describe OO flow requirements
  - Notify OO flow results back to CSA
- Service Design Best Practices
  - Recognize the rules to use when developing new content for CSA
  - Design and develop content using CSA and associated products
  - Develop reusable components and reusable resource offerings
  - Build complex designs and offer advanced services to end users
- Topology Designer
  - Explain the difference between Sequential and Topology design
  - Import topology components
  - Configure component properties
  - Create component tags
  - Create new version for a design
  - Configure a design
  - Manage a design as application

- Create design tags
- Content Portability
  - Explain what a Content Archive is and what it contains
  - Export content from CSA using the Management Console
  - Import content into CSA using the Management Console
  - Use the Content Archive tool for exporting, importing, and validation
- Lab: Service Options
  - Define options in the service design
  - Bind options to service component properties
- Lab :Advanced Options
  - Define a service with combined property settings in the options.
- Lab: Resource Provider Lifecycle
  - Setup new lifecycle actions of a service.
- Lab: Environments
  - Define environments to control provisioning to different resources.

## REQUIREMENTS:

Students should understand their organization's vision on the use of cloud.

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by Micro Focus (course completion).

This course prepares you also for such related Micro Focus certification exam: Cloud Service Automation Essentials v4.6 ASP

## TRAINER:

Authorized Micro Focus Trainer.