

## Universal Discovery 2022.x Essentials (UD120-202205)

ID UD120-202205 Price on request Duration 5 days

### Who should attend

This course is recommended for application or system support personnel or anyone who needs an overview of the capabilities of Universal Discovery.

### Prerequisites

To be successful in this course, you should have the following prerequisites or knowledge:

- General knowledge of IT operations, familiarity with business services and service management
- Familiarity with the ITIL V3 Foundations subject area and the Configuration Management System (CMS) in particular
- Background in network or enterprise application administration and knowledge of enterprise architectures in a production IT infrastructure
- Working knowledge of websites and browsers
- Familiarity with testing concepts

### Course Objectives

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

- Identify the evolution of the Configuration Management System (CMS) from the Configuration Management Database (CMDB), the need for CMS, and working of CMS
- Define the concept of Universal Discovery (UD) and be able to identify its applications and types
- Identify the architecture and deployment process of UD, and the installation and setup of the data flow probe and its log files
- Define the concepts of discovery adapters, discovery jobs, discovery scripts, and other discovery resources
- Use CMS UI and Admin UI for discovery activities
- Perform application dependency mapping discovery and inventory discovery
- Use the zone-based discovery method and discovery activities
- Design and build agentless and agent-based discoveries, and use inventory scanners
- Work with the Software Library Viewer and various

inventory tools

- Use the application recognition process and discovery rules
- Use the Discovery Troubleshooter
- Get an introduction to Automated Service Modeling
- Use UD to support UCMDB integrations

### Course Content

#### Module 1: Course Overview

- Identify the contents and objectives of the course
- Define the class schedule and class logistics
- Identify the related courses
- Describe the lab environment details

#### Module 2: Introduction to CMS

- Define CMS and ITIL
- Define the common providers and consumers of CMS
- Identify the components of Micro Focus CMS
- Identify the integration capabilities of Micro Focus CMS

#### Module 3: Introduction to Universal Discovery (UD)

- Define Universal Discovery functions and features
- Identify uses/applications of Universal Discovery
- Identify the Universal Discovery components

#### Module 4: UD Architecture, Installation, and Deployment

- Identify the architecture and deployment of Universal Discovery
- Install the Universal Discovery Probe
- Configure Universal Discovery Probe via the CMS UI
- Describe Universal Discovery licenses

#### Module 5: UD Adapter Management

- Describe adapters
- Use the Adapter Management UI (CMS and Admin)
- Identify different resource types for discovery
- Explore adapter definition
- Work with discovery packages
- Use the Package Manager in CMS UI

#### Module 6: Working with the Universal Discovery Module

- Use different approaches to run discovery
- Use the Universal Discovery module
- Use module or job-based discovery
- Use zone-based discovery
- Define management zones
- Define discovery activities
- Set up discovery via the CMS UI

## **Module 7: Dependency Mapping Discovery**

- Describe Dependency Mapping discovery
- Describe Spiral discovery
- Deploy UD Agent (UDA) deployment
- Implement dependency mapping discovery
- Deploy UDA via the CMS UI

## **Module 8: UD Inventory**

- Explain inventory discovery
- Use the inventory scanner
- Deploy inventory discovery
- Use the scanner generator wizard
- Run inventory discovery, both in enterprise and manual mode
- Run inventory discovery via the CMS UI
- Use the Java XML Enricher
- Perform client discovery
- Use inventory tools and reports

## **Module 9: UD Application Recognition**

- Define the application recognition process
- Use the Software Library Viewer
- Use the Software Application Index (SAI) editor
- Describe Application Teaching
- Describe Application Teaching using the SAI editor
- Use the Analysis Workbench
- Use Express Teaching
- Start Smart Software Analytics (SSA)

## **Module 10: Discovery Rules Engine**

- Define the Discovery Rules Engine
- Work with discovery rules
- Identify the Discovery Rules Engine log files

## **Module 11: Monitoring and Troubleshooting Discovery**

- Monitor discovery progress
- Use discovery-related reports
- Use the Discovery Troubleshooter
- Monitor and troubleshoot using the CMS UI
- Use the UD log files

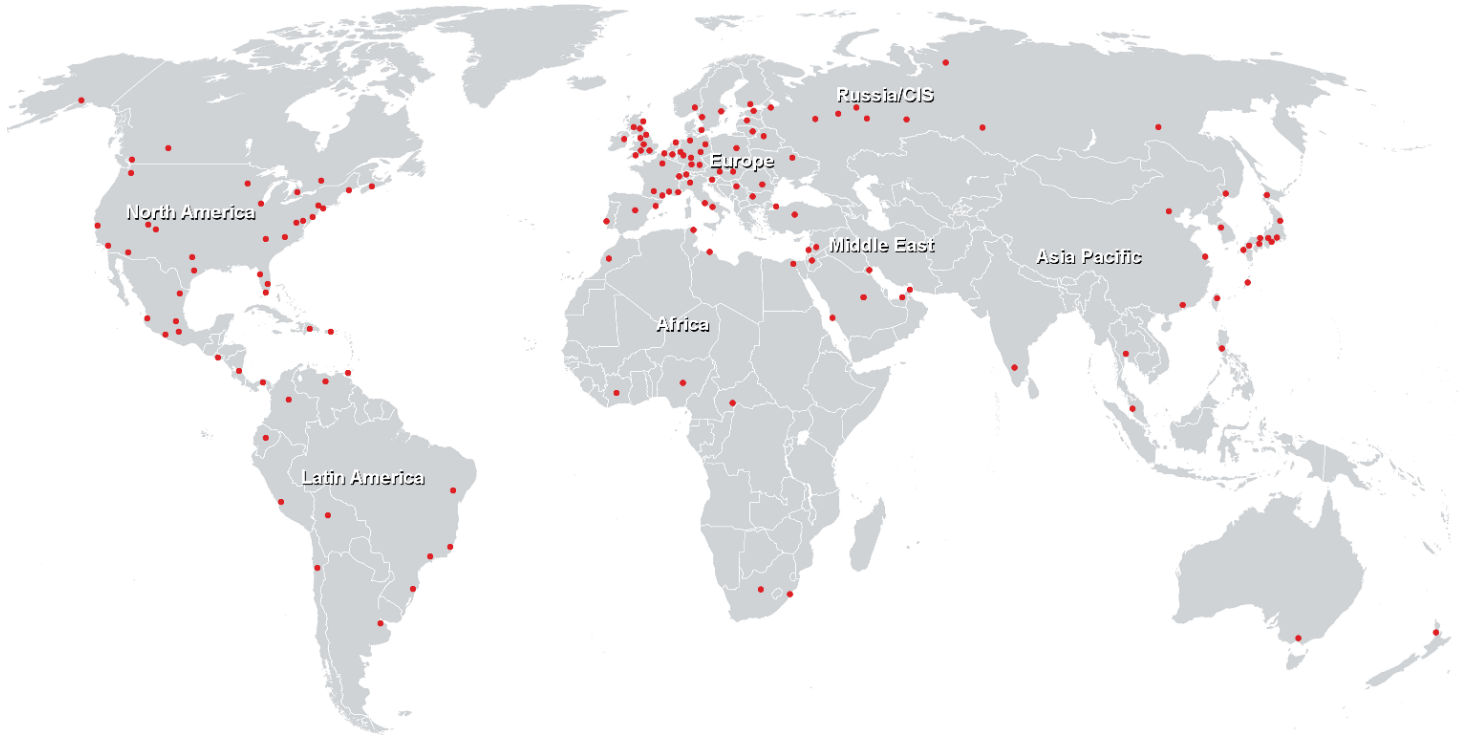
## **Module 12: Configuring and Troubleshooting ASM**

- Create a service model using Automated Service Modeling (ASM)
- Create consumer-provider dependency mapping
- Conduct a top-down discovery

## **Module 13: Integration**

- Identify UCMDB integrations
- Define the integration types
- Define integration point, adapter, and job
- Use the Integration Studio to setup integrations
- Set up integrations in CMS UI
- Integrate UCMDB and Service Manager

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