

## Universal Discovery Business Administration using Web UI (UDBAUWU)

ID UDBAUWU Price 3,200.— €(excl. tax) Duration 4 days

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### Course Overview

This four-day course about Universal Discovery (UD) explains how to discover IT infrastructure using UD jobs or integrations. You will use the new Web UI for this course, with some exceptions, such as the Scanner Generator wizard. You will learn how to install and set up the Data Flow Probe, configure Jobs, install UD Agents, understand Discovery mechanisms, agent-based and agent-less discovery options, Application Recognition, Application Dependency Mapping Discovery, review the Collected Data, and configure Integrations. The Discovery jobs can start with simple inventory discovery for data center and client environments and move to discovering cloud environments.

You will also explore UD in SaaS environments. Discovery can collect detailed information using these jobs, such as ports on a server to IP service End Points for services, installed software, and so on. As part of dependency mapping, the services, running software, and related CIs will be collected and help in creating the queries and mapping application dependency.

As part of discovering the Inventories, the installed software discovery and hardware components of servers and devices will help with Asset Management tasks. For Cloud Discovery, you will review the possibilities of AWS, Azure, and Google Discovery, and others will have hands-on discovery of Dockers.

You will also explain integration with other OpenText products as well as simple import jobs and third-party product integrations.

This course uses lectures and a series of hands-on labs to teach the course material. The hands-on labs for this course use the latest version of UCMDB and UD software.

### Highlights

- Installing and setting up the Data Flow Probe
- Configuring Data Flow Probe
- Reviewing Adapter Management
- Describing Discovery mechanisms
- Explaining Agent-based and Agent-less discovery options
- Installing UD agents
- Describing Inventory Discovery
- Using the Inventory Tools and Reports
- Explaining Application Recognition
- Describing Application Dependency Mapping
- Understanding SaaS UD
- Using Cloud and Virtualization Discovery
- Explaining Docker discovery
- Managing AWS Inventory Discovery
- Configuring integrations
- Monitoring and Troubleshooting Discovery

### Who should attend

- Network Administrators
- Infrastructure Managers
- UD Administrators
- Application owners
- Operators

### Prerequisites

- Basic knowledge of Networking
- Basic Knowledge of Configuration Management Systems and ITIL
- Understanding discovery jobs
- Working knowledge of Windows and Unix

## Course Objectives

- Understand Universal Discovery
- Install and set up Data Flow Probe
- Explain Inventory Discovery jobs
- Discover Datacenter and Client environments
- Describe Application recognition
- Install and use Agents, including agent-driven inventory scenarios
- Explain SaaS environments for discovery
- Use Cloud and Virtualization Discovery
- Manage AWS Inventory Discovery
- Monitoring and Troubleshooting
- Understand Integration, pull, push, and federation

## Course Content

### 1. Course Overview

- Explain the daily classroom schedule and structure
- Review the overall course objectives
- Describe lab environment details

### 2. Introduction to CMS

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

### 3. Introduction to Universal Discovery

- Define Universal Discovery functions and features
- Identify uses/applications of Universal Discovery
- Identify Universal Discovery components
- Explain Universal Discovery architecture
- Describe Spiral discovery

### 4. UD Installation and Deployment

- Install Universal Discovery Probe
- Configure Universal Discovery Probe via the Web UI
- Upgrades to Data Flow Probe
- Explain Content Pack and Discovery Knowledge Package updates

### 5. UD Adapter Management

- Describe Adapters
- Use Web UI for Adapter Management
- Identify different resource types for discovery
- Explore adapter definition
- Work with discovery packages

### 6. Working with Discovery Module

- Explain Discovery in Web UI overview
- Set up Discovery using Web UI
- Configure New Zone

### 7. Dependency Mapping Discovery

- Describe Dependency Mapping Discovery
- Explain Agent and Agent-less Discovery
- Implement Agent-less Dependency Mapping Discovery
- Provide examples of job groups

### 8. UD Agent Installation

- Implement Universal Discovery Agent
- Install UD agents from Web UI
- Install the UD agent manually
- Identify the new Agent Driven Inventory (ADID)
- Set up agents for Agent Driven Inventory (ADID)
- Install ADID agents manually

### 9. UD Inventory Discovery

- Explain Inventory Discovery
- Use the inventory scanner
- Describe Inventory discovery deployment scenarios
- Use the scanner generator wizard
- Generate scanner configuration files – Enterprise Mode
- Generate scanners for manual deployment
- Run Manual Scanner job
- Run Inventory Discovery by scanner
- Run Agent Driven Inventory Discovery via scanner
- Explain Basic Inventory Discovery
- Describe Java XML Enricher
- Run Inventory Discovery on Client environments
- Explain Enhanced Inventory Discovery by Scanner option

### 10. UD Inventory Tools and Reports

- Describe how to install the Inventory Tools
- Explain the Viewer
- Identify Analysis Workbench and SAI Editor
- Explain Inventory Discovery Reports in Web UI

### 11. Application Recognition

- Define the application recognition process
- Use the Software Library Viewer in UCMDB UI
- Describe Application Teaching
- Explain what a Discovery Knowledge Package is
- Download and install the Monthly Discovery Knowledge package

## 12. Discovery Rules Engine

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

## 13. Universal Discovery in SaaS

- Understand available SAAS implementations of Universal Discovery and UCMDB
- Explain how to access Web UI in the SaaS environment
- Configure external Data Flow Probe to connect to UCMDB Server in SaaS
- Implement Inventory Discovery in SaaS
- Install Content Pack in SaaS
- Install Discovery Knowledge Package in SaaS

## 14. Cloud and Virtualization Discovery

- Explore multi-cloud, hybrid, on-premises discovery
- Explore the types of Cloud and Virtualization Discovery available
- Define Docker Discovery jobs
- Set up Docker Host by Shell job
- Set up Docker Installed Software by Scanner job

## 15. AWS Inventory Discovery

- Understand AWS Inventory Discovery by scanner via SSM job
- Understand AWS Agent Driven Inventory by scanner job via S3 bucket job
- Set up AWS Agent Driven Inventory by scanner via S3 job
- Share scan files among multiple probes in a Load Balance group in AWS
- Enable auto-upgrade of UD agents in AWS

## 16. Integrations

- Identify UCMDB integrations
- Define the integration types
- Define the integration point, adapter, and job
- Set up integrations in Web UI
- Import from Excel Workbook using integrations

## 17. Monitoring and Troubleshooting Discovery

- Provide a quick overview from the Dashboard
- Monitor discovery progress from the Discovery Module
- Use the Probe Dashboard
- Use the UD log files
- Explain Probe Remote Management (New)

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