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Fast Lane

Universal Discovery Essentials (UDE)

ID UDE   **Price** 4,000.— €(excl. tax)   **Duration** 5 days

Important notes for the booking of Open Text trainings

Please note that prepayment is required for participation in an Open Text training course. Participation in a training course is possible for 12 months after booking the course. Cancellations are excluded. For further information, please refer to **our** General Terms and Conditions.

Course Overview

This course is designed to provide an understanding of the fundamental concepts and applications of the Universal Discovery (UD) solution. You learn various discovery methods and learn how to implement these methods. The hands-on lab environment uses the latest version of UD. Highlights:

- Introduce federation and leveraging of actionable information in the contextof Discovery operations and management.

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

On completion of this course, participants 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
- 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
- Perform application dependency mapping discovery and inventory discovery
- Use the zone-based discovery method and discovery activities

Course Content

- Course overview
- Introduction to CMS
- Introduction to Universal Discovery (UD)
- UD Architecture, Installation, and Deployment
- UD Adapter Management
- Working with the Universal Discovery Module
- Dependency Mapping Discovery
- UD Inventory
- UD Application Recognition
- Discovery Rules Engine
- Monitoring and Troubleshooting Discovery
- Configuring and Troubleshooting ASM
- Integration

Detailed Course Outline

Module 01: Course overview

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

Module 02: 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 03: Introduction to Universal Discovery (UD)

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

Module 04: 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 05: 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
- Deploy UDA via the CMS UI

Module 06: 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 07: 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 08: 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 09: 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

About Fast Lane

Fast Lane

Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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✓ Blended & Hybrid Learning
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