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Fast Lane

UCMDB Essentials (UCMDB120-202205)

ID UCMDB120-202205   **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 Micro Focus Universal Configuration Management Database (UCMDB). Participants learn visualization and mapping techniques to build business service views, implement change tracking, perform impact analysis, and enrichment of topology data and reporting. This course also covers the CMS UI, which provide a different end-user perspective to analyze and consume UCMDB data. The discussions and scenario-based exercises reinforce skills to optimize business outcomes through the efficient use of the Micro Focus UCMDB Server and CMS UI.

The hands-on lab environment uses UCMDB version 2022.05.

Who should attend

This course is recommended for application or system support personnel or anyone who needs an overview of the capabilities of UCMDB 2022.05.

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 the service management.
- Familiarity with the Information Technology Infrastructure Library (ITIL) V3 Foundations subject area.

- Background in network or enterprise application administration and knowledge of enterprise architectures in a production IT infrastructure.

Course Objectives

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

- Define CMS, the advantages, and key features
- Define the capabilities and features of UCMDB
- Define the integration and architecture of UCMDB
- Identify the key features of the CMS UI
- Navigate through the CMS UI
- Search using the CMS UI
- Create service models and reports using the CMS UI
- Identify and manage UCMDB OOTB reports
- Define the IT Universe Manager, views, and CIs
- Identify IT Universe Manager common tasks
- Define the UCMDB class model, components, and navigation
- Work with the Modeling Studio Interface
- Define Topology Query language (TQL) concepts
- Build TQLs with attribute, cardinality, element type, and identity conditions
- Use the Add Related Query Node wizard
- Define the different types of views and templates
- Identify the types of models and perspectives
- Navigate the Impact Analysis Manager
- Define and run impact analysis
- Implement policy management via the CMS UI
- Navigate and work with the Enrichment Manager
- Define and run enrichments
- Identify UCMDB integrations
- Navigate the Integration Studio
- Configure integration point and integration job
- Understand the reconciliation process
- Describe the reconciliation types

Course Content

- Module 1: Course Overview
- Module 2: Introduction toCMS
- Module 3: Introduction toUCMDB
- Module 4: CMS UI

- Module 5: ServiceModeling in the CMS UI
- Module 6: Reports
- Module 7: IT UniverseManager
- Module 8: CIT Manager
- Module 9: Introduction to Modeling Studio and TQL
- Module 10: Creating Views and Topology Reports
- Module 11: Modeling in UCMDB UI
- Module 12: Impact Analysis
- Module 13: Policy Management
- Module 14: Enrichments
- Module 15: Integrations
- Module 16: Reconciliation
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Detailed Course Outline

Module 1: Course Overview

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- dentify the contents and objectives of the course
- Define the class schedule and class logistics
- Identify the related courses
- Discuss 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
- Define the Micro Focus Automated Service Modeling (ASM) component

Module 3: Introduction to UCMDB

- Define UCMDB
- Identify the capabilities and features of UCMDB
- Define the integration capabilities of UCMDB
- Define the architecture of UCMDB
- Describe the visualization, mapping, and discovery capabilities of UCMDB
- Describe the deployment options of UCMDB
- Define the UCMDB licensing

Module 4: CMS UI

- Access and use the CMS UI user interface
- Use the CMS UI search feature
- Use CMS UI information widgets
- Use the Resource Manager module

Module 5: Service Modeling in the CMS UI

- Define models and modeling in UCMDB
- Create a service model using assisted modeling
- Create a service model using automated service modeling (ASM)
- Work with a service model topology map

Module 6: Reports

- Identify CMS reports
- Use various custom reports
- Create and run basic reports
- Manage reports
- Use Query Designer to create topology reports

Module 7: IT UniverseManager

- Define the IT Universe Manager
- Identify IT Universe Manager common tasks
- Work with views
- Search for CIs
- Use IT Universe Manager to display a CI's related CIs
- Add, update, and delete CIs with IT Universe Manager

Module 8: CIT Manager

- Define the UCMDB class model
- Identify the UCMDB class model components, including:
- CIs
- CI types (CITs)
- Relationship types
- Navigate the CI Type Manager
- Work with attributes
- Create a CI type
- Create a relationship type

Module 9: Introduction to Modeling Studio and TQL

- Describe the Modeling Studio
- Work with the Modeling Studio interface
- Define Topology Query Language (TQL) concepts
- Build TQLs with attribute, cardinality, element type, and identity conditions
- Use the Add Related Query Node wizard

Module 10: Creating Views and Topology Reports

- Define the concept of views
- Define the different types of views
- Create pattern views
- Create templates and template-based views
- Create topology reports

Module 11: Modeling in UCMDB UI

- Define models and modeling in CMS
- Create an instance-based model
- Create a pattern-based model
- Define and create perspectives
- Create perspective-based views

Module 12: Impact Analysis

- Define impact analysis
- View use cases of impact analysis
- Run impact analysis
- Navigate the Impact Analysis Manager
- Define an impact analysis rule
- Describe the TQL limitations for impact analysis queries
- Define out-of-the-box impact rules
- Define calculated relationships

Module 13: Policy Management

- Describe the purpose of policies
- Create and use policies via the CMS UI

Module 14: Enrichments

- Define enrichments
- List enrichment operations
- View examples of enrichments
- Navigate the Enrichment Manager
- Define Enrichment Manager UI elements
- Work with enrichments
- View OOTB enrichments
- Schedule enrichments

Module 15: Integrations

- Identify UCMDB integrations
- List UCMDB integrations as part of CMS
- Identify the integration technologies
- Define the integration types
- Navigate the Integration Studio
- Identify integration point, adapter, and job

Module 16: Reconciliation

- Understand the Reconciliation Engine
- List the reconciliation processes
- Explain the history of reconciliation
- Name the reconciliation types
- Use identification rules
- Understand how the reconciliation analyzer works

About 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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