BMC DISCOVERY

BMC Discovery 24.x: Fundamentals Application Modeling – Part 1

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Learning Path >

Course Code: SPPT-DIMA-2430

Modality	Duration	Applicable Versions	Target Audience
Instructor-Led Training (ILT)	3 Days	BMC Discovery 20.02, 20.08, 21.30, 22.2, and 24.3	• Administrators • Consultants

Course Overview

BMC Discovery is a datacenter discovery solution that automatically discovers datacenter inventory, configuration and relationship data, and maps applications to the IT infrastructure. BMC Discovery establishes the foundation for improving IT processes and productivity by providing timely and actionable insight to make informed decisions in IT service management, asset management, and infrastructure/operations management.

This course provides you with hands-on experience in application mapping, performing a full Discovery scan, and creating patterns. In addition, you will model services using blueprints and map SAM and CAM Discovery models. Finally, you will also learn to use the Pattern Language (TPL).

Prerequisites

• NA

Recommended Trainings

• NA

Learning Objectives

• Explain the process of creating Software Instances from Candidate Software Instances
• Model services using Blueprints
• Describe the data model and operating principles
• Review important functions in The Pattern Language (TPL)
• Describe Start Anywhere Mapping (SAM)
• Describe the Collaborative Application Mapping (CAM) process
• Adapt pattern templates to discover custom software
• Use the manual pattern execution to test the patterns
• Explain The Pattern Language (TPL) concepts
• Extract data using XPath and Regular Expressions
• Write efficient regular expressions for triggers
• Model Software Instances and Business Application Instances
• Identify techniques available to discover the versions of Software Instances and Business Application Instances

For more information about BMC Education Services, visit **www.bmc.com/education**.

Course Modules

Module 1: Application Mapping Concepts
- Basics of Datastore
- Inferred Nodes and Model Functions
- Patterns
- Query Language
- Credentials
- Modeling Requirements

Module 2: Candidate Software Instance
- Identify a Candidate Software Instance
- Create a Pattern from a Candidate Software Instance

Module 3: Modeling Services Using Blueprints
- Introduction to Blueprints
- Overview of Service Models
- Creating Blueprints
- Managing Blueprints
- Creating Service Models Using Blueprints

Module 4: Start Anywhere Modeling (SAM)
- Concept of Start Anywhere Modeling
- Creating and Publishing an Application Model
- Using the Visualization Tools
- Model Rules
- Lifecycle of a Start Anywhere Model

Module 5: Collaborative Application Mapping (CAM)
- Introduction to Collaborative Application Mapping
- Creating a Prototype
- Functional Components
- Mapping the Application

Module 6: Using the Pattern Language (TPL)
- Introduction to Pattern Templates
- Basics of The Pattern Language (TPL)
- Metadata
- Triggers
- The Pattern Body
- Regular Expressions
- Functions
- Path Restrictions
- XPath
- Custom TPL
- Searching, Relationships and Tables
- Import
- Business Application Instances

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