

BMC Discovery 24.x: Fundamentals

Application Modeling – Part 1 (ASP)

[Learning Path](#)

Course Code: SPPT-DIMA-2430-ASP

Modality

Assisted Self-paced (ASP)

Duration

3 Days

Applicable Versions

BMC Discovery 20.02,
20.08, 21.30, 22.2, and
24.3

Target Audience

- 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

Virtual Lab

- Lab Vouchers are issued at course registration time and must be redeemed within 90 days of receipt. Once Lab Voucher is redeemed, 28 days of lab access (portal access) are granted with 18 hours of on-demand lab time to be used. Once the lab time is used, or the 28 days expires, the lab access ends.
- Click **here** for additional ASP virtual lab access information in a graphical format.

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

Discount Options

Have multiple students? Contact us to discuss hosting a private class for your organization.

Contact us for additional information 