



# BMC Helix CMDB 19.02: Fundamentals Administering – Part 2 (ASP)

## COURSE ABSTRACT

### COURSE CODE

- » SPPT-ACAT-1902-ASP

### APPLICABLE VERSIONS

- » BMC Helix CMDB 9.0, 9.1, 9.1.04, 18.05, 18.08 and 19.02

### DELIVERY METHOD

- » Assisted Self-paced (ASP)
  - Student and lab guide as eBook
  - Product community for questions and answers
  - Course recording via WBT
  - Access to instructor for up to 2.5 hours by appointment (use within 90 days of registration)

### VIRTUAL LAB ACCESS

- » 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 are granted with 30 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 graphical format.

### COURSE DURATION

- » Equal to 5 Days

### PREREQUISITES

- » *BMC Helix CMDB 19.x: Fundamentals Administering – Part 1 (WBT)*

## Course Overview

BMC Helix CMDB provides a complete, accurate, and up-to-date view of the people, technologies, and services that make up your business and IT environments. A rich, centralized representation of services helps you plan, deliver, operate, govern, and assign priorities to business services.

The BMC Helix CMDB 19.02: Fundamentals Administering - Part 2 (ASP) course teaches students about what makes a Configuration Management Database (CMDB) useful to the business, how to configure the CMDB, and how to perform routine administrative and maintenance tasks.

This five-day course is focused on learning how the CMDB is used by key IT Service Management functions, such as Asset, Incident, and Change Management. Students will learn how to configure their environment to meet the requirements of CMDB consumers in the business. Additionally, this course covers the routine administration and maintenance of the CMDB.

After having attended this course, you will be able to maximize the out-of-the-box functionality of BMC Helix CMDB.

**IMPORTANT:** Included in this course is the examination for **BMC Certified Associate: Helix CMDB 19.02 Online Exam**. Taking the exam and pursuing accreditation is optional, however all students enrolled in the BMC Helix CMDB 19.02: Fundamentals Administering - Part 2 (ASP) course are automatically enrolled in the exam. You will have one attempt to pass the exam. No retakes will be offered. Those who pass will receive the title of **BMC Certified Associate: BMC Helix CMDB 19.02**.

## Target Audience

- » Administrators
- » Configuration Managers
- » BMC CMDB Administrators

## Learner Objectives

- » Explain the new CMDB User Interface
- » Explain CMDB Consumers' requirements to Configuration Managers
- » Learn how to use BMC Atrium Explorer and Impact Simulator
- » Understand how IT Service Management (ITSM) consumes CMDB data
- » Describe the Common Data Model
- » Describe best practices for importing, normalizing, and reconciling data
- » Understand federation methods
- » Create Service Models



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### COURSE ACTIVITIES

- » Video Coaching
- » Course eBook
- » Virtual Lab
- » Community Access
- » Hands-on Lab Exercises.


### BMC <PRODUCT NAME> LEARNING PATH

- » [https://www.bmc.com/education/courses/atrium\\_cmdb\\_training.html](https://www.bmc.com/education/courses/atrium_cmdb_training.html)

### ACCREDITATION AND CERTIFICATION PATHS

- » This course is part of the BMC Certified Associate: Helix CMDB 19.02 certification path.

### DISCOUNT OPTIONS

- » Have multiple students? Contact us to discuss hosting a private class for your organization
- » [Contact us for additional information](#) 

## Course Modules

### Module 1: Introducing the Configuration Management Database (CMDB)

- » Introduction to the CMDB

### Module 2: CMDB Portal Search

- » BMC CMDB Portal
- » Creating Filters in the new CMDB UserInterface
- » Running Out-of-the-box Queries in the newCMDB User Interface
- » BMC Atrium Explorer
- » Running Out-of-the-box Queries in Mid-Tier User Interface
- » Using Query Builder
- » Creating Filters in Mid-Tier User Interface
- » Creating and Modifying CIs

### Module 3: Asset Management Console

- » Searching in Smart IT Asset Console
- » Creating CIs in Smart IT
- » Searching in the Mid-Tier Asset Console
- » Using the Data from Search Results
- » Managing My Searches

- » AST Forms in Search Mode
- » Creating and Modifying CIs in the Mid-Tier Asset Console

### Module 4: Relating CIs in Incident and Change

- » ITSM Introduction
- » Incidents in Smart IT
- » Change Requests in Smart IT

### Module 5: Configuration Management and Common Data Model

- » Configuration Management
- » Common Data Model
- » Class Manager
- » Migration the CMDB Common Data Model (CDM) Definition from Test to Production

### Module 6: Managing Access

- » Permissions for BMC Atrium CMDB Data Consumers
- » CMDB Permissions at the AR System Level
- » Accessing the New CMDB User Interface
- » Restricting Access to Data

### Module 7: Importing Data

- » Dataset Configuration Console
- » Importing BMC Discovery Data
- » Importing Data using the Atrium Integrator Wizard
- » Importing Data Using Atrium Integrator Spoon
- » Importing Data Using the Data Management Console
- » Migrating Configuration Job Definitions from Test to Production
- » Understanding cmbdriver

### Module 8: Normalizing Data

- » Normalization Jobs in the New CMDB User Interface
- » Normalization
- » Product Catalog
- » Exporting and Importing Normalization Settings
- » Troubleshooting Plug-Ins

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#### Module 9: Reconciling Data

- » Reconciliation
- » Identify and Merge Reconciliation
- » Custom Reconciliation

#### Module 10: Federating Data

- » Federation

#### Module 11: Configuring Atrium CMDB Server Settings

- » Configuring CMDB Engine
- » Centralized Configuration

#### Module 12: Service Modeling

- » Service Model
- » Impact Relationships