



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

COURSE ABSTRACT

COURSE CODE

» SPPT-ACA1-1908

APPLICABLE VERSIONS

» BMC Helix CMDB 9.1, 9.1.04, 18.0, 18.08, 19.02 and 19.08

DELIVERY METHOD

» Web-based Training (WBT)

COURSE DURATION

» 4 Hours

PREREQUISITES

» NA

Course Overview

BMC Helix Configuration Management Database (CMDB) helps you to source, store, monitor, and manage the configuration item (CI) data from multiple sources into a single location allowing you to understand your environment.

In this course you will be introduced to the fundamentals of using BMC Helix CMDB. You will learn about the Common Data Model as well as the processes for the reconciliation and integration of data in the CMDB. Additionally, you will be introduced to the BMC Atrium Core Console and the CMDB Portal dashboard.

Target Audience

- » Configuration Managers
- » CMDB Administrators
- » Application Developers

Learner Objectives

- » Describe the CMDB architecture
- » Explain the concept of configuration items (CIs)
- » Explain Consumers of CMDB data
- » Describe process to load data into BMC CMDB
- » Explain the purpose and use of datasets
- » Describe importing data using the Atrium Integrator Job Wizard, Atrium Integrator Spoon and the Data Management console
- » Explain the purpose of the Product Catalog
- » Describe how the Product Catalog supports multitenancy
- » Explain how the Product Catalog helps the CMDB to normalize data
- » Describe the role of the Normalization Engine
- » Explain Normalization modes and process
- » List the Normalization statuses
- » Explain how the Normalization Engine supports multitenancy
- » Explain how the Normalization Engine works with the CMDB to reconcile data
- » Explain the Common Data Model (CDM)
- » Describe the structure of a reconciliation job
- » Explain how Reconciliation Engine works with the CMDB to reconcile data
- » Navigate the BMC Atrium Core Console and CMDB portal
- » Describe the searching and viewing CIs feature in the CMDB portal
- » Find Instances using Saved Queries
- » Create CIs and relationships manually
- » Create Views
- » Filter of configuration items (CIs)
- » Explain the concept of federated data
- » Create a new service offering in the Service Catalog

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COURSE ACTIVITIES

- » Demonstrations
- » Product Simulations


BMC HELIX CMDB 19.X LEARNING PATH

https://www.bmc.com/education/courses/atrium_cmdb_training.html

ACCREDITATION AND CERTIFICATION PATHS

- » NA

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: Introduction to the BMC CMDB Environment

- » Introduction to BMC CMDB
- » The CMDB architecture
- » Basics of CMDB
- » Key roles and their responsibilities
- » Overview of the Common Data Model
- » The concept of CIs
- » Different consumers of BMC CMDB data.

Module 2: Getting Started with BMC Helix CMDB and Atrium Console

- » Navigate the CMDB portal
- » Searching and viewing CIs feature in the CMDB portal
- » Various views of the CMDB portal
- » Filtering CIs
- » BMC CMDB Dashboard features
- » Navigating the BMC Atrium Core Console
- » Create new query using Query Builder
- » Create and edit CIs
- » Archiving CMDB data

Module 3: Common Data Model (CDM) and the Class Manager

- » The Regular, Categorization, and Abstract classes
- » How the CDM works with AR System forms
- » The relationships in the CDM
- » The relevant documentation and tools for researching the CDM
- » The More Information tab in the Class Manager
- » BMC_BaseElement Subclasses
- » Individual subclasses of BMC_BaseElement
- » The BMC_FederatedBase class
- » The purpose of BMC_BaseRelationship
- » The purpose of individual subclasses of BMC_BaseRelationship
- » The purpose of BMC_FederatedBaseRelationship
- » Navigate the Class Manager
- » Viewing a class and a Relationship class
- » Various features and functions of classes
- » Creating and Modifying a class

Module 4: Importing Data into CMDB

- » Process to load data into BMC CMDB
- » Datasets
- » Importing data using the Atrium Integrator Job Wizard
- » Importing data using Atrium Integrator Spoon.
- » Importing data using the Data Management console

Module 5: Product Catalog and Normalization

- » Purpose of the Product Catalog
- » How the Product Catalog supports multitenancy
- » How the Product Catalog helps the CMDB to normalize data
- » The role of the Normalization Engine
- » Normalization modes and process
- » Normalization statuses
- » How the Normalization Engine works with the CMDB to reconcile data

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Module 6: Reconciliation

- » The purpose of reconciling CMDB data
- » The structure of a reconciliation job
- » BMC tools to reconcile the CMDB data
- » The Reconciliation Engine
- » The Reconciliation Engine Event Log File
- » How the Reconciliation Engine works with the CMDB to reconcile data

Module 7: Federating Data

- » The concepts and methods of Federation
- » Identify when to use the Launch method
- » Introduce the Federation Manager interface
- » Configure Launch method of Federation
- » The Service Catalog
- » Create a new service offering in the Service Catalog
- » The key features of Atrium Impact Simulator
- » The impact states in AIS

Module 8: Using Service Modeling

- » The concepts of service model
- » The best practices for building a Service Model
- » The Dynamic Service Modeling
- » The advantages of the Service Catalog in BMC Atrium Core