BMC Helix Platform 20.x: Fundamentals Developing – Part 2 (ASP)

COURSE ABSTRACT

COURSE CODE
» SPPT-PLF2-2002-ASP

APPLICABLE VERSIONS
» BMC Helix Platform 20.02, 19.11, 19.08

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 1.5 hours by appointment (use within 90 days of registration)

VIRTUAL LAB ACCESS
» The BMC Developer Portal is used for this course. Prior to starting the course register for the BMC Developer Program at **http://developers.bmc.com**.
» After registration, you will receive an email with login credentials. In the BMC Developer Portal request a sandbox environment.

COURSE DURATION 🌐
» 3 Days

PREREQUISITES
» BMC Helix Platform 19.x: Fundamentals Developing – Part 1 (WBT)

Course Overview

BMC Helix Platform is a cloud-based offering available through Amazon Web Services and BMC Cloud. It is a modern, low code development platform that helps the developer to achieve faster delivery of applications. BMC Helix Innovation Studio helps you establish data requirements, expose fields for your user interface, and implement complex powerful business processes.

This course primarily focuses on explaining multiple consoles that help you to achieve specific goals for codeless application development. It provides information about understanding what an application is, the difference between applications and libraries, application attributes, how to start with application development, and the recommended process to develop codeless applications. The attraction is you can develop an application without having to know or learn a programming language. This course will provide insights on creation of Records, Views, Processes, Rules, Associations, and Named lists and how we can bundle it together. It also covers an example on how to use Document and Web API. The learners will gain hands-on experience in designing and developing a complete codeless application and, further deploying the same. Also, details about access levels and permissions are explained.

This course is applicable primarily to the Business Analysts and Developers.

IMPORTANT: BMC Certified Associate: Helix Platform 20.x Developing Online examination is included in this course. Taking the exam and pursuing certification is optional. 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: Helix Platform 20.x Developing

Target Audience
» BMC Helix Platform Administrators
» BMC Helix Platform Developers

Learner Objectives
» Describe BMC Helix Platform and BMC Helix Innovation Studio
» Navigate through multiple consoles of BMC Helix Innovation Studio
» Explain the process of Codeless application development
» State the features and functionalities of codeless application
» Use Innovation Studio to build a fully functional codeless application
» Describe the consoles and designers involved in codeless application development
» Use multiple access levels and permissions to manage data
» Explain the process of application deployment
» Create export packages for installation and update of application
» Describe the use of Document and Web API in an integration use case.

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

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COURSE ACTIVITIES
» Classroom Presentations
» Hands-on Lab Exercises
» Demonstrations

BMC HELIX PLATFORM LEARNING PATH
https://www.bmc.com/education/courses/remedy-service-management-suite-training.html

ACCREDITATION AND CERTIFICATION PATHS 🌐
» Not applicable

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 BMC Helix Platform
» BMC Helix definition and overview
» BMC Helix offerings
» Various roles in BMC Helix Platform
» Digital Service Applications: Overview, Architecture, and Definitions
» Codeless and Code-based applications

Module 2: Introduction to BMC Helix Innovation Studio
» Access BMC Helix Innovation Studio
» BMC Innovation Studio overview
» User Interface elements
» Designer tabs
» Codeless applications overview
» Steps for creating codeless application bundle

Module 3: Defining Records, Named Lists, and Associations
» Concepts related to record and record fields
» Approval process configuration
» Record designer

» Steps to create and update a record definition
» Inherit existing record definition
» Record associations and Named Lists

Module 4: Defining Views
» View designer
» Steps to create a view
» Copy and modify views
» Various View Designer components
» Container, Record Grid, Record Editor, Action Button, Button Bar, and Tab Panel

Module 5: Designing Processes and Adding Rules
» Process designer
» Steps to create a process
» Add various capabilities to process
» Rule Designer
» Steps to create a rule
» Different triggers for a rule

Module 6: Designing, Customizing, and Deploying Application Views
» BMC Modern Shell
» Shell Navigation components

» Actions performed from Modern Shell
» Various environment set ups
» Deployment packages: Workflow and steps

Module 7: Managing User Access and Permissions
» Application Role, Functional Role and association to Primary Organization
» Shell Navigation components
» Actions performed from Modern Shell
» Assign permissions to record and record fields.
» Assign permissions to view, process, and Modern Shell elements.
» Define and use Security Label.

Module 8: Document and Web API
» Define a Document schema
» Introduce Web API Definition Designer
» Configure Authentication for WEB APIs
» Configure Web Requests in a Business Process
» Map the REST API Web Service Request Alias

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