



BMC Cloud Lifecycle Management 4.x: Fundamentals (ASP)

COURSE ABSTRACT

COURSE CODE

- » CLDS-LABC-0450-ASP

APPLICABLE VERSIONS

- » BMC Cloud Lifecycle Management 4.1, 4.2, 4.3, 4.4, & 4.5

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 28 days of registration)
 - Access to virtual lab for 5 consecutive days (use within 28 days of registration)

COURSE DURATION

- » Equal to 5 Days

PREREQUISITES

- » *Cloud Essentials Course: eLearning*

Course Overview

BMC's cloud management platform drives digital innovation with agile, full-stack service provisioning across cloud and traditional platforms. BMC Cloud Lifecycle Management scales easily while integrating with essential compliance and governance policies to reduce risk.

This assisted self-paced training course targets “cloud” administrators. Students will learn the planning strategies, key concepts, configuration steps, and best practices when implementing BMC Cloud Lifecycle Management. Through a combination of video presentations, discussions with product experts, and hands-on lab exercises, students learn how to request and configure service offerings in the hybrid cloud computing environment.

IMPORTANT: Included in this course is the examination for **BMC Accredited Administrator: BMC Cloud Lifecycle Management 4.x**. Taking the exam and pursuing accreditation is optional, however all students enrolled in the *BMC Cloud Lifecycle Management 4.x: Fundamentals* course are automatically enrolled in the exam. You will have two attempts to pass the exam. No retakes will be offered. Those who pass will receive the title of **BMC Accredited Administrator: BMC Cloud Lifecycle Management 4.x**.

Target Audience

- » Administrators – IT Admins and Cloud Admins

Learner Objectives

- » Intelligently place services according to policies across traditional infrastructure and private and public clouds
- » Apply appropriate compliance and governance policies to services regardless of where they are deployed
- » Plan for future growth with the ability to scale to support tens of thousands of VMs
- » Get fast time to value with a hybrid cloud that can be up and running with pre-built services in less than a week
- » Define BMC Cloud Lifecycle Management architecture and dataflow
- » Discuss the installation process, required hardware resources, and deployment
- » Create users, companies, and on-board cloud tenants
- » Create and manage Service Blueprints
- » Create, edit, and decommission Service Offerings
- » Explain the roles related to BMC Network Automation, BMC Server Automation, and the My Cloud Services Console
- » Create workflow using BMC Atrium Orchestrator
- » Manage CLM through workspaces and dashboards

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COURSE ACTIVITIES

- » Video Presentations
- » Hands-on Lab Exercises
- » Product Demonstrations


BMC CLOUD LIFECYCLE MANAGEMENT LEARNING PATH

- » [BMC Cloud Lifecycle Management Learning Path](#)

ACCREDITATION AND CERTIFICATION PATHS

- » This course is not part of a BMC 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 BMC Cloud Lifecycle Management 4.x

- » Overview of BMC CLM
- » The My Cloud Services Console

Module 2: Quick Start

- » Deployment Sizes
- » Role of Key Components and Providers

Module 3: Tenants and Users

- » Tenant Lifecycle and Company Types
- » Creating Tenants and Users
- » Off-boarding Tenants and Users

Module 4: Assigning Resources

- » Create Network Containers
- » Discuss Resource Pool Management
- » Map Tenants to Resources

Module 5: Service Blueprints

- » Blueprints and Services
- » The Service Designer
- » Building Single-tier services

Module 6: Requestable Services

- » Creating a Service Offering
- » Service Catalog Workspace
- » Creating a Requestable Offering

Module 7: Reusable Components

- » Reusable Components
- » Server and Application Blueprints

Module 8: Multi-Tier Services

- » Deployment Definitions
- » Configure network paths between components

Module 9: Controlling Deployment

- » Sequencing Order of Components
- » Customize Services using Parameters

Module 10: Pre-Deploy Options

- » Options and Choices
- » Blueprint Configurations
- » Modifying VM Resources Prior to Deploy

Module 11: Post-Deploy Actions

- » Creating Post-Deploy Actions
- » Requestable Post-Deploy Actions

Module 12: Deploying Operating Systems

- » Managed Servers with BSA
- » Creating Virtual Guest Packages
- » Creating System Packages

Module 13: Deploying Software

- » How CLM Deploys Software
- » Creating Deploy Jobs

Module 14: BMC Atrium Orchestrator

- » Overview and Architecture of BAO
- » Building a workflow

Module 15: Tagging

- » Tags and Tag Groups
- » Tagging Resources and Strategies

Module 16: Placement

- » Introduction to the Service Governor
- » Configuring Policies

Module 17: Networking

- » Overview of Networking and BNA
- » Designing Pods and Containers

Module 18: Managing Capacity

- » Dashboard Workspace
- » Cloud Capacity Visibility (CCV) View
- » Cloud Aware Placement Adviser (CAPA)

Module 19: Managing CLM 4.5

- » Audit Trail Workspace
- » Configuration Workspace
- » New Integrated Dashboards

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