

Control-M 22: Installing and Upgrading

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Course Code: AUTO-CMIU-9220

Modality	Duration	Applicable Versions	Target Audience
Instructor-Led Training (ILT)	1 Days	Control-M 9.0.22.000	• Administrators

Course Overview

Control-M makes it easy to define, schedule, manage, and monitor application workflows, ensuring visibility and reliability, and improving SLAs. Control-M Users can monitor and manage multiple application workflows from a single point of control with full access to logs and output.

Control-M 22: Installing and Upgrading course provides a comprehensive understanding of Control-M architecture, installation, and upgrade processes. Learners will develop hands-on skills to install, configure, and validate Control-M environments while leveraging key tools and resources. It covers the end-to-end upgrade process, including readiness checks, component upgrades, rollback strategies, and post-upgrade validation.

Recommended Trainings

- Control-M 22: Overview (WBT)
- Control-M 22: Concepts for Operators and Schedulers (WBT)
- Control-M 22: Fundamentals Administering (ILT/ASP)

Learning Objectives

- Understand Control-M architecture and installation/upgrade sequencing
- Identify compatibility and requirements
- Locate key resources (Compatibility Tool, Documentation, Support Central)
- Install the EM, Server, and Agents
- Validate installations using Check Req, logs, installed-versions.txt
- Apply essential post-install configuration (check_config, automatic startup/shutdown)
- Determine environment size and understand sizing implications
- Add Servers and Agents to the EM and verify communication
- Perform Control-M upgrades
- Use is_upgrade_ready to confirm upgrade readiness
- Upgrade PostgreSQL (dedicated) and Agents after EM/Server upgrades
- Roll back failed upgrades and apply key post-upgrade tasks

Course Modules

Module 1: Installation Foundations

- Understand the core Control-M components and how they fit together in an installation
- Explain the installation sequence for the EM, add-ons, Servers, Agents, and Plug-ins
- Identify compatibility requirements for operating systems, databases, and Java
- Access the BMC Product Compatibility tool
- Access Control-M online documentation, release notes, and system requirements
- Download Control-M installation media from BMC Support Central
- Review the lab topology and the components you will install during the course

Module 2: Control-M/Enterprise Manager Installation

- Explain key EM installation options (Default, Custom, Distributed)
- Prepare for an EM installation on UNIX, including required prerequisites
- Run installation validation steps, including Check Req and post-installation checks
- Review installation logs and installed-versions.txt to confirm component status
- Apply basic post-installation configuration, including check_config and startup/shutdown setup
- Install the Control-M Desktop client when required

Module 3: Control-M/Server Installation

- Describe the Server installation options and key decision points
- Determine the correct environment size and understand how sizing affects configuration
- Complete the Server prerequisites, including required UNIX pre-installation steps
- Install the Server using Default or Custom installation methods
- Verify the Server installation, including reviewing logs and installed-versions.txt
- Add a Server to the EM environment using Auto or Manual methods
- Apply essential post-installation tasks, including performance tuning and startup/shutdown configuration

Module 4: Control-M/Agent Installation

- Describe Agent installation options and key decision points
- Complete required Agent prerequisites on UNIX and Windows
- Install the Agent and understand included components
- Verify the Agent installation, including basic connectivity checks
- Review installation logs and installed-versions.txt for validation
- Add an Agent to the EM environment and test communication
- Perform essential post-installation tasks, including troubleshooting and startup/shutdown configuration

Module 5: Upgrading Control-M

- Describe the Control-M upgrade prerequisites and environment considerations
- Explain the Control-M upgrade flow
- Use the is_upgrade_ready utility to validate upgrade readiness and prevent failures
- Perform EM and Server in-place upgrades
- Upgrade the Dedicated PostgreSQL database after upgrading the EM/Server
- Upgrade Agents
- Roll back failed upgrades using built-in uninstall/downgrade mechanisms
- Apply key post-upgrade tasks

Discount Options

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

Contact us for additional information 