

Control-M 22: Installing and Upgrading (ASP)

[Learning Path >](#)

Course Code: AUTO-CMIU-9220-ASP

Modality

Assisted Self-paced (ASP)

Duration

1 Days

Applicable Versions

Control-M 9.0.22.000

Target Audience

• 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.

Note: This course offers additional multilingual subtitles/closed captioning (cc), generated using an Artificial Intelligence translation tool, in French, German, Italian, Japanese, Korean, Portuguese (Brazil), Simplified Chinese, and Spanish.

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 Activities

- Student and lab guide as ebook
- Product community for questions and answers
- Course recording via WBT
- Access to instructor for up to 2 hours by appointment (use within 90 days of registration)

Virtual Lab

- With this offering, you will receive student and lab guides as eBooks. You will have access to product and communities to answer your questions. All the course recordings will be available in the form of WBTs. You will have access to the instructors for up to 2 hours by appointment. Make sure to use this time up within **90 days** of registration.
- 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 (portal access) are granted with **24 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 a graphical format.

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 