

Control-M Workload Automation

October 31, 2019

Announcement of end of support dates for versions 9.0.00.xxx

BMC Software is reminding Control-M Workload Automation users of the end of support for specific versions. Support for the specific list of products and versions provided in the [Affected products and versions table](#) below will end on **October 31, 2020**.

This is in accordance with the published BMC Software support policy, which can be found on the BMC Software Customer Support site at <http://www.bmc.com/support>. BMC Software recommends that users upgrade to the latest versions of Control-M products.

The latest version of Control-M Workload Automation version 9.0.19.100 was released in August 2019. A full list of enhancements in version 9.0.19 and 9.0.19.100 can be found in the [release notes](#) for Control-M 9.0.19 and subsequent fix packs.

Why upgrade?

Control-M 9.0.19 enables organizations to deploy innovation faster, improves usability, and enhances support of complex application workflows that are critical to your business. Highlights include:

Multicloud Integration

- Users can now easily integrate with multiple AWS & Azure services using Application Integrator, which now supports authentication credentials for both services.
- New application plug-ins for AWS and Azure enable easy integration from a Control-M job to AWS & Azure services, including AWS Lambda, AWS Step Functions, Azure Logic Apps, and Azure Batch.

Control-M Web

- As part of the transition to a consolidated web interface, Control-M version 9.19 introduces the *Tools* domain with extended *Site Standards* and *User Views* mechanisms. In addition, *Planning* and *Monitoring* have been extended with additional functionality.

Security and Governance

As part of our continuous efforts to improve governance and security, the following features are included in 9.0.19:

- View Global & Pool variables
- Separate browse & order permissions
- Support for Control-M High Availability
This is for both Control-M/Enterprise Manager and Control-M/Server when using an external PostgreSQL database (customer owned or Amazon RDS)
- Support for embedded PostgreSQL database upgrade process
- Use of AES-256 encryption for password storage

MFT and MFT Enterprise

- Support for Amazon S3 File storage
- Processing rules for MFT Enterprise

Automation API

The Control-M Automation API and Workbench enables developers to manage workflow orchestration as code, integrating it with existing continuous integration and delivery pipeline (CI/CD) tool chains. Version 9.0.19.100 adds support to the API for multiple Control-M functions, including:

- Configuration services
- Provision services
- Support of additional job types
- Manage workload policies

Note that the Automation API is now also available in a monthly release.

Open JDK

Control-M 9.0.19.100 ships with Open JDK 8; customers with their own JDK installations can point Control-M to those installations.

Contact your sales representative for complete details.

To help you transition from release 9 to the latest release, the BMC Customer Support organization is offering a free AMIGO service to BMC customers to proactively assist with your migration. AMIGO is an acronym that stands for "Assisting MIGration Operations". This service allows us to review your migration plans, make suggestions, review a checklist of migration topics and answer any questions that you have.

If you have any questions about the information contained herein, contact BMC Software Customer Support at 800 537 1813 (United States or Canada) or call your local support center.

Affected products and versions

The following table lists the BMC Control-M Workload Automation distributed systems products and versions for which support will end as of October 31, 2020:

Product name	Version for which support is ending	Version recommended for upgrade
Control-M/Enterprise Manager	9.0.00.xxx	9.0.19 or later
Control-M Workload Change Manager	9.0.00.xxx	9.0.19 or later
Control-M Self Service	9.0.00.xxx	9.0.19 or later
Control-M Workload Archiving	9.0.00.xxx	9.0.19 or later
Control-M Batch Impact Manager	9.0.00.xxx	9.0.19 or later
Control-M/Forecast	9.0.00.xxx	9.0.19 or later
Control-M/Server for UNIX and Microsoft Windows	9.0.00.xxx	9.0.19 or later

Product name	Version for which support is ending	Version recommended for upgrade
Control-M/Agent for UNIX and Microsoft Windows	9.0.00.xxx	9.0.19 or later
Control-M Conversion	9.0.00.xxx	9.0.19 or later
Control-M Application Integrator	9.0.00.xxx	9.0.19 or later
Control-M for SAP	8.0.00.xxx	9.0.01 or later
Control-M Managed File Transfer	9.0.00.xxx	9.0.19 or later
Control-M for Hadoop	9.0.00 .. 9.0.02	9.0.19 or later
Control-M for Databases	9.0.00	9.0.19 or later
Control-M for z/OS	9.0.00 .. 9.0.04	9.0.19 or later
Control-M JCL Verify	9.0.00 .. 9.0.04	9.0.19 or later
Control-D	9.0.00 .. 9.0.04	9.0.19 or later
Control-D Delivery Server	9.0.00 .. 9.0.04	9.0.19 or later
Control-M/Restart	9.0.00 .. 9.0.04	9.0.19 or later
Control-M/Tape	9.0.00 .. 9.0.04	9.0.19 or later
Control-M/Assist	9.0.00 .. 9.0.04	9.0.19 or later
Control-M/Analyzer	9.0.00 .. 9.0.04	9.0.19 or later
Control-M/Links	9.0.00 .. 9.0.04	9.0.19 or later
Control-O	9.0.00 .. 9.0.04	9.0.19 or later
Control-V	9.0.00 .. 9.0.04	9.0.19 or later
Control-D/Web Access	9.0.00	9.0.19 or later

All products listed in the table above, for which support ends on October 31, 2020, assume that the limited support policy took effect October 31, 2018. Limited support is the same as full support, with the following exceptions:

- No new patches or fixes will be created. BMC Customer Support will direct customers to existing fixes/patches and workarounds applicable to the reported issue.
- BMC Customer Support will direct customers to upgrade to a more current version/release of the product as the solution to your problem in lieu of a patch or fix.
- R&D will be engaged on critical issues only and on a limited basis for problem identification.

For additional information see <https://www.bmc.com/support/resources/bmc-product-support-policy.html>

When moving to “Version Recommended” in the table above please review the [Product Compatibility](#) information to ensure that your environment is compatible with the recommended version requirements.

To view the latest BMC documents, videos, Support knowledge articles, training, and download/compatibility information, see the Control-M Product Support page at <https://docs.bmc.com/docs/productsupport/control-m-enterprise-manager>. Notices such as flashes, technical bulletins, and release notes are available on the website.

To receive proactive alerts by email, when notices are issued or updated, see the Support Central website at <https://www.bmc.com/support/support-central.html>.

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For BMC Control-M Products that are licensed on the “per CPU – Full Capacity” unit of measurement and installed in an Amazon Web Services (“AWS”), Microsoft Azure (“Azure”) or Google Cloud Platform (“GCP”) cloud environment, a license is required for the total number of CPUs in each AWS, Azure or GCP instance upon which the Product is installed or which the Product manages, either remotely or locally. For AWS and GCP, one CPU is equivalent to one vCPU, as defined by AWS. For Azure, one CPU is equivalent to up to four Virtual Cores (as defined by Azure), rounded up to the closest multiple of four.

Server Endpoint Licensing

All machines upon which any Control-M component is installed or upon which Control-M managed workload runs must be licensed. This includes Control-M Agent/Agentless platforms onto which one or more application plug-ins are installed but also includes Control-M Agent/Agentless platforms where no application plug-ins are installed. Control-M Agent/Agentless platforms on which jobs are ordered are counted regardless of whether those jobs execute or not. All Server Endpoints are counted, including development, staging, QA, pre-production, test, and production environments.

The licensing guidelines for application plug-ins are as follows:

- ERP and BI/DI – The application server(s) upon which Control-M managed processes are executed should be licensed in addition to the Control-M Agent machine(s) (in some cases, this may be the same machine).
- Databases – Each database server upon which Control-M managed database related processes are being executed should be counted in addition to the Control-M Agent machine(s).
- AFT and MFT – Only the machine(s) upon which the AFT or MFT plug-in is installed should be licensed.
- Web Services, Java & Messaging – only the Control-M Agent machine(s) upon which the plug-in is installed should be licensed.
- Backup – The Control-M Agent machine(s) where the Backup plug-in is installed and also the hosts which are running the backup server software should be licensed (note that this excludes the client machines for which the Backup Server software is managing actual backup processes except where a backup takes place of the backup server machine itself).
- Cloud – only the Control-M Agent machine(s) upon which the plug-in is installed should be licensed.
- Hadoop – All machines in each managed Hadoop Cluster should be licensed.

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Third party Software

For the provisions described in the BMC License Agreement and Order related to third party products or technologies included in the BMC Product, select one of the following:

- Locate the "ThirdParty" subdirectory in the installation directory of this product
- Go to <https://docs.bmc.com> and click **Third-party software (TPS)**.

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