

# Control-M/Enterprise Manager

**Version 9.0.xx or later**  
**January 16, 2020**

BMC is advising customers of an upcoming Microsoft Windows March 2020 security patch that will change the default configurations for LDAP channel binding and LDAP signing, and may impact login to Control-M/Enterprise Manager clients. This technical bulletin describes the issue and suggests actions to proactively prevent problems from occurring. If you have any questions, please contact BMC Customer Support at 800 537 1813 (United States or Canada) or call your local support center.

## Impact of changes in Microsoft AD security on Control-M/EM

An upcoming Microsoft Windows March 2020 security patch is planned to change the default configurations for LDAP channel binding and LDAP signing for enhanced security. After applying this Microsoft Windows security patch, clients that connect to the Active Directory (AD) distributed server will require that the connection be secure (using the TLS protocol). If the connection is not secure, these clients will require data signing, to avoid tampering of the data transmitted between clients and AD.

As a result of this change in default LDAP configurations, Control-M/Enterprise Manager clients that authenticate against a Microsoft AD distributed server in TCP mode will no longer be able to log in.

For more information, see [Microsoft Security Advisory 4520412](#).

## Solution

To ensure uninterrupted access to Control-M and to comply with the changes planned in the upcoming Microsoft security patch, all Control-M/Enterprise Manager servers that use Microsoft AD for authentication must enable TLS connectivity between the Control-M/Enterprise Manager server and the AD distributed server. For information about enabling TLS for this single endpoint, see [Configuring SSL with LDAP or Active Directory servers](#) in the *Control-M SSL Guide*.

## Where to get the latest product information

To view the latest BMC documents, see the Support Central website at <http://www.bmc.com/support>. Notices such as flashes, technical bulletins, and release notes are available on the website. You can subscribe to proactive alerts to receive e-mail messages when notices are issued or updated. For more information about proactive alerts, see the Support Central website.

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### **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 platforms onto which one or more application plug-ins are installed but also includes Control-M Agent platforms where no application plug-ins are installed.

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.
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- 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).
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