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# Control-M MFT PAAFP.9.0.22.025

BMC Software is releasing Control-M MFT patch PAAFP.9.0.22.025 to correct the following problems in Control-M MFT on UNIX and Windows.

## Note

Verify that Control-M MFT 9.0.22.000 is installed on the Control-M/Agent before you install this patch.

## Enhancements

The following table describes enhancements that are applied in Control-M MFT PAAFP.9.0.22.025.

Tracking number	Description
CTM-7809	You can now configure Control-M MFT to bypass proxy servers if you add FTP and SFTP target servers to the NonProxyHosts list in the <b>com.bmc.aft.configurable.ccm.Proxy.NonProxyHosts</b> parameter located in the <b>aft_configurable.properties</b> file, as described in Configuring Control-M MFT in the <b>aft_configurable.properties</b> File ( <a href="https://documents.bmc.com/supportu/9.0.22/en-US/Documentation/aft_configurable.properties_file.htm">https://documents.bmc.com/supportu/9.0.22/en-US/Documentation/aft_configurable.properties_file.htm</a> ) .

## Corrected Problems

The following table describes the issues that have been corrected in Control-M MFT PAAFP.9.0.22.025.

Tracking number	Description
CTM-13247	Control-M MFT Enterprise Hub could not access the Control-M MFT Enterprise database and cannot synchronize with the ZooKeeper server in Control-M MFT Enterprise High Availability environments.  The following error appears in the <b>Control-M MFT Enterprise Configuration</b> window: <b>The database is inaccessible, Hub isn't synched with zookeeper server.</b>  If the problem continues after you install the patch, you must navigate to <b>cm/AFT/data/hub_config.properties</b> and update the following parameters in the <b>hub_config.properties</b> file: <ul style="list-style-type: none"> <li><b>spring.jpa.properties.hibernate.cache.use_second_level_cache=false</b></li> <li><b>spring.jpa.properties.hibernate.cache.use_query_cache=false</b></li> </ul>
CTM-13271	A hardcoded sensitive string vulnerability in Control-M MFT Hub.
CTM-13307	An injection vulnerability in Control-M MFT Hub API.
CTM-13417	A file permission bypass issue in the Control-M MFT Hub.
CTM-13416	A file existence disclosure issue in the Control-M MFT Hub.
CTM-13057	Control-M MFT misinterprets values that are in date pattern formats in the <b>Source Path</b> field of a File Transfer job.
CTM-13053	Control-M MFT does not complete the file upload process to Azure Data Lake Storage Gen2 correctly when you upload in parallel upload mode.
CTM-12956	Control-M MFT fails to list files on an FTP server that runs on an IBM z/VM Conversational Monitor System.
CTM-12844	A delay occurs in Control-M MFT Enterprise at the end of a large file transfer to a virtual folder over SFTP.

CTM-12779	Control-M MFT retries to transfer a file indefinitely if an error occurs during a file transfer.
CTM-12778	The PGP command output does not appear in the File Transfer job output.
CTM-12699	Control-M MFT tries to delete the destination file twice before it removes the file prefix or suffix. This occurs when you include a temporary file prefix or suffix and the destination path already has a file with the destination filename.
CTM-12680	Control-M MFT might not adhere to the settings you define to add or remove file extensions if you select <b>Enforce PGP operation</b> and define <b>PGP operation</b> in a File Transfer job.
CTM-12678	Control-M MFT might not save all Override SFTP Home Directories defined in the File Transfer Server settings and might shorten the displayed list of directories for long lists.
CTM-12676	An external user that tries to log in to Control-M MFT Enterprise from a blocked IP address can log in even when you toggle on <b>Automatically block IP due to repeated failed logins</b> .
CTM-13308	<p>A File Transfer job ends with the following job output message when the <b>Pattern Syntax</b> is set to <b>Regular Expression</b> in the Advanced Options pane and the <b>Source Connection Profile</b> is configured to z/OS on an FTP server:</p> <p><b>No matching files for pattern</b></p> <p>To ensure the dot (.) character is treated as a regular expression character and not a literal dot, you must add another dot before it (.).</p>
CTM-12556	The Control-M MFT File Transfer Server places the uploaded file in the parent directory of the specified destination path when MFT Enterprise is not enabled and you upload to the /b2bhome or any of its sub-directories.

## Installing the Patch on UNIX

This procedure describes how to install Control-M MFT PAAFP.9.0.22.025 on UNIX.

### Before You Begin

- Obtain the installation package via EPD, as described in Obtaining Control-M Installation Files ([/xwiki/bin/view/Control-M-Orchestration/Control-M/ctm9021/Obtaining-Control-M-Installation-Files/](#)).
- Verify that Control-M jobs are not running on the Control-M/Agent.
- Ensure that Control-M MFT version is 9.0.22.000 or higher is installed.
- If you utilize an AIX operating system, run the following command as a root user to remove unused libraries from the memory:  
**/usr/sbin/slibclean**
- If you install the patch on Red-Hat 8 or Oracle Linux 8, verify that libnsl.so.1 (<http://libnsl.so/>) is installed before you install the patch. For more information, see KA 000404923 (<https://community.bmc.com/s/article/When-installing-Control-M-Managed-File-Transfer-9-0-21-Gateway-on-Linux-setup-sh-fails-with-the-error-PAM2B-9-0-21-002-Linux-x86-64-INSTALL-BIN-controlm-autofp-perl-linux-x86-64-bin-perl-error-while-loading-shared-libraries-libnsl-so-1-cannot>).

### Begin

- Log in to the Control-M/Agent host where Control-M MFT is installed.
- Run the following command to stop the Control-M/Agent:  
**shut-ag**
- Navigate to the temporary folder where you downloaded the patch.
- Run one of the following commands:  
**Linux:** PAAFT.9.0.22.025\_Linux-x86\_64\_INSTALL.BIN  
**AIX:** PAAFT.9.0.22.025\_AIX\_INSTALL.BIN
- Run the following command to start the Control-M/Agent:  
**start-ag**

## Installing the Patch on Windows

This procedure describes how to install Control-M MFT PAAFP.9.0.22.025 on Windows.

### Before You Begin

- Obtain the installation package via EPD, as described in Obtaining Control-M Installation Files ([/xwiki/bin/view/Control-M-Orchestration/Control-M/ctm9021/Obtaining-Control-M-Installation-Files/](#)).
- Verify that Control-M jobs are not running on the Control-M/Agent.
- Ensure that Control-M MFT version is 9.0.22.000 or higher is installed.

### Begin

1. Log in to the Control-M/Agent with administrator privileges.
2. Stop the Control-M/Agent in Windows Services.
3. From the Task Manager, stop the Control-M/Agent **p\_ctmam.exe** process.
4. Run the following command to stop the Control-M MFT container:  
**<Agent home dir>\cml\AFT\exe\ctmaftcontainer stop**
5. Download and extract the **PAAFP.9.0.22.025\_windows\_x86\_64.zip** file to a temporary directory.
6. From the temporary directory, run the following command  
**PAAFP.9.0.22.025\_windows\_x86\_64.exe**

**Note**

If UAC is enabled, you must run the executable As Administrator.

7. Start the Control-M/Agent in Windows Services.

## Uninstalling the Patch from UNIX

This procedure describes how to uninstall Control-M MFT PAAFP.9.0.22.025 from UNIX.

### Before You Begin

- Ensure that no jobs are running on the Control-M/Agent.
- If you utilize an AIX operating system, run the following command as a root user to remove unused libraries from the memory:  
**/usr/sbin/slibclean**

### Begin

1. Log in to the Control-M/Agent host.
2. Run the following command to stop the Control-M/Agent:  
**shut-ag**
3. Run the following command:  
**{agent\_folder}/ctm/patches/PAAFT.9.0.22.025/uninstall\_PAAFT.9.0.22.025.sh**
4. Run the following command to start the Control-M/Agent:  
**start-ag**

## Uninstalling the Patch from Windows

This procedure describes how to uninstall Control-M MFT PAAFP.9.0.22.025 from Windows.

### Before You Begin

- Ensure that no jobs are running on the Control-M/Agent.

### Begin

1. Log in to the Control-M/Agent with administrator privileges.
2. Stop the Control-M/Agent in Windows Services.
3. From the Task Manager, stop the Control-M/Agent **p\_ctmam.exe** process.
4. From the Control Panel, select **Program and Features**.
5. Select **CONTROL-M Managed File Transfer 9.0.22.000 Patch 25** and click **Uninstall**.
6. Start the Control-M/Agent in Windows Services.

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Last modified by [Ilana Keleti](#)  
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