

Control-M for Advanced File Transfer 7.0.00.100



Release Notes

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Introduction to the Control-M for Advanced File Transfer Release Notes

BMC Software is releasing version 7.0.00 fix pack 1 of Control-M for Advanced File Transfer (Control-M for AFT). These release notes provide information about the enhancements and resolved problems in this release. The information in this document supplements and supersedes information in the Control-M Workload Automation manuals.

Up-to-date, essential installation and service information that becomes available after this product is released will be placed under solution KA388679 in the Knowledge Base on the Customer Support website, located at <http://www.bmc.com/support>.

Before installation, BMC recommends that you check the website for any up-to-date information and also to determine whether recent patches are available for this product.

Control-M for AFT enhancements

The following table describes Control-M for AFT enhancements for version 7.0.00 fix pack 1:

Tracking #	Description
CAR00043672	Control-M for AFT is now supported on Control-M/Agent, which is running as a non-root user on UNIX. When setting an AFT account/connection profile on Control-M/Agent, which is running as a non-root user, the user defined in the Local CM host should be the same as the Agent user.
CAR00045259	Control-M for AFT now supports the following set of AES ciphers for SFTP connections: <ul style="list-style-type: none"> ▪ AES128_ctr ▪ AES192_ctr ▪ AES256_ctr

Control-M for AFT corrected problems

The following table describes Control-M for AFT corrected problems for version 7.0.00 fix pack 1. The list of corrected problems is also available under solution KA388681 in the Knowledge Base:

Tracking #	Description
CAR00044598	Binary PGP encrypted files (e.g., Word, PDF) that are transferred and decrypted by an AFT job on a Windows computer are corrupted.
CAR00045703	Control-M for AFT may fail to transfer a file after using PGP decryption when the CM is installed on Linux.
CAR00045764	Control-M for AFT job can fail as the Account file or Configuration file cannot be opened on a Microsoft Windows computer when many jobs are running at the same time.
CAR00046082	Control-M for AFT Sysout may not appear in the Sysout list in Control-M/Enterprise Manager when running a Control-M for AFT job.
CAR00046145	Control-M for AFT may fail to validate an account definition when using AFT Account Management in Control-M Configuration Manager even though the account definition is valid.
CAR00046521	Control-M/Agent may terminate unexpectedly when saving a new Control-M for AFT PGP or MVS template in the Control-M Configuration Manager.
CAR00046651	Control-M for AFT may cause high CPU consumption when SFTP Server sends an SSH_DISCONNECT command.
CAR00047220	Control-M for AFT job may fail after a transfer has completed when closing the data connection to the remote FTP or FTP over SSL server.
CAR00047274	Control-M for AFT job using SFTP protocol may hang on disconnect when the transfer fails, until the server closes the connection
CAR00047331	When Control-M for AFT job transfers a file from an FTP server on Tandem, it may finish successfully while the actual transfer fails with an error.
CAR00047415	Control-M for AFT File Watcher job watching for a file pattern on a remote Unix FTP Server may fail immediately when no files matching the pattern are found.

Control-M for AFT compatibility

Control-M for AFT can be installed on Windows and/or UNIX computers and works together with other products in the Control-M scheduling solution (for example, Control-M/EM and Control-M/Server). Control-M for AFT can now be installed on any supported version of Control-M Agent.

The following lists the operating systems and other pre-installation requirements for Control-M for AFT:

- [Control-M for AFT compatibility with Windows](#) (on page 5)
- [Control-M for AFT compatibility with UNIX](#) (on page 6)
- [Control-M for AFT language compatibility](#) (on page 8)

Control-M for AFT compatibility with Windows

The following table lists the supported Windows operating systems for Control-M/Agent.

Operating System	Bits	Compatible Processors	
Windows XP Professional	<ul style="list-style-type: none"> ▪ 32 ▪ 64 	<ul style="list-style-type: none"> ▪ x86 ▪ x86_64 	
Windows Vista Enterprise Edition			
Windows Vista Business Edition			
Windows Vista Ultimate Edition			
Windows 7 Enterprise Edition	<ul style="list-style-type: none"> ▪ x86 ▪ x86_64 	<ul style="list-style-type: none"> ▪ x86 ▪ x86_64 	
Windows 7 Business Edition			
Windows 7 Professional Edition			
Windows 7 Ultimate Edition			
Windows 8			
Windows 8 Professional Edition			
Windows 8 Enterprise Edition			
Windows Server 2008 Standard Edition			<ul style="list-style-type: none"> ▪ x86

Operating System	Bits	Compatible Processors
Windows XP Professional	<ul style="list-style-type: none"> ▪ 32 	<ul style="list-style-type: none"> ▪ x86 ▪ x86_64 ▪ Itanium (ia64)
Windows Server 2008 Enterprise Edition		
Windows Server 2003 Standard Edition		
Windows Server 2003 Enterprise Edition		
Windows Server 2012 Datacenter Edition	64	x86_64
Windows Server 2012 Standard Edition		
Windows Server 2008 R2 Standard Edition		
Windows Server 2008 R2 Enterprise Edition		

Control-M for AFT compatibility with UNIX

The following table lists the supported UNIX operating systems for Control-M for AFT version 7.0.00 fix pack 1:

Operating system	Version	Bits	Compatible processors		
AIX®	7.1	<ul style="list-style-type: none"> ▪ 64 	Power		
	<ul style="list-style-type: none"> ▪ 6.1 ▪ 5.2 ▪ 5.3 	<ul style="list-style-type: none"> ▪ 32 ▪ 64 			
	HP-UX	<ul style="list-style-type: none"> ▪ 11.31 ▪ 11.23 ▪ 11.11 		<ul style="list-style-type: none"> ▪ 32 ▪ 64 	PA RISC processors

Operating system	Version	Bits	Compatible processors
	<ul style="list-style-type: none"> ▪ 11.31 ▪ 11.23 	64	Itanium 64
Red Hat Enterprise Linux Server	6	<ul style="list-style-type: none"> ▪ 32 ▪ 64 	<ul style="list-style-type: none"> ▪ x86_64 ▪ x86 ▪ IBM® zSeries®
	<ul style="list-style-type: none"> ▪ 5 ▪ 4 		<ul style="list-style-type: none"> ▪ x86_64 ▪ x86 ▪ IBM® zSeries® ▪ Itanium (ia64)
Oracle Solaris	11	64	<ul style="list-style-type: none"> ▪ SPARC ▪ x86_64
	10	<ul style="list-style-type: none"> ▪ 32 ▪ 64 	<ul style="list-style-type: none"> ▪ SPARC ▪ x86_64 ▪ x86
	9 (update level 9 and higher)		SPARC
SUSE Linux Enterprise Server	<ul style="list-style-type: none"> ▪ 11x ▪ 11 ▪ 10 ▪ 9 		<ul style="list-style-type: none"> ▪ Itanium (ia64) ▪ IBM® zSeries® ▪ x86_64 ▪ x86
	Oracle Enterprise Linux Server	<ul style="list-style-type: none"> ▪ 6 ▪ 5 	<ul style="list-style-type: none"> ▪ x86_64 ▪ x86

Control-M for AFT language compatibility

The following table lists the languages that are compatible with Control-M for AFT version 7.0.00 fix pack 1:

Language	Level of support
East Asian (CJK)	The following languages are now supported: <ul style="list-style-type: none"> ▪ Traditional Chinese ▪ Simplified Chinese ▪ Japanese ▪ Korean
Western European (Latin-1 character set)	Special Western European characters used in English, Spanish, German, and French can be specified in most free-text fields and parameters.
Basic ASCII	US English

Product Distribution

The following procedures describe how to obtain the installation files for Control-M for Advanced File Transfer version 7.0.00 fix pack 1, using EPD, FTP, or the BMC Sales Representative:

- [Obtaining installation files through EPD](#) (on page 9)
- [Obtaining installation files using FTP](#) (on page 10)
- [Obtaining installation files through the BMC sales representative](#) (on page 10)

Obtaining installation files through EPD

This procedure describes how to obtain the Control-M for Advanced File Transfer installation files through EPD.

➤ To obtain installation files via EPD:

1. Click <https://webapps.bmc.com/epd/> and follow the instructions on the EPD site until you reach the Download Files page.
2. Do one of the following:

- **UNIX:** Do the following:

- a. Download and save the file into a temporary directory :

```
<INST_TEMP_DIR>
```

If you downloaded it to your computer, transfer it to a UNIX computer using binary ftp mode to an intermediate location:

```
<UNIX_TAR_Z_LOCATION>
```

- b. CD into:

```
<INST_TEMP_DIR>
```

- c. Extract the compressed tar file with the following command:

```
uncompress -c <UNIX_TAR_Z_LOCATION>/<InstallationFileName.tar.Z> |  
tar xf -
```

For example : `uncompress -c /tmp/DROST.8.0.00_Linux-x86_64.tar | tar xf -`

If you do not have an uncompress command, use zcat instead of uncompress -c:

```
zcat <UNIX_TAR_Z_LOCATION>/<InstallationFileName.tar.Z> | tar xf -
```

- **Windows:** Do one of the following:

- Download and save the .iso file to a temporary directory, and then burn it onto a DVD.
- Download and save the relevant .zip file to a temporary directory.

Obtaining installation files using FTP

This procedure describes how to obtain the Control-M for AFT version 7.0.00 fix pack 1 installation files using FTP.

➤ To obtain installation files using FTP:

1. Download the installation files from the following location:

ftp://ftp.bmc.com/pub/control-m/opensystem/CONTROL-M_CM_for_Advanced_File_Transfer/7.0.00/PAAFT.7.0.00.100

2. Log on as a Control-M/Agent user and create a temporary directory (for example, TEMP_INST_DIR).
3. Do one of the following:
 - **UNIX:** Copy the **PAAFT.7.0.00.100_<platform>.INSTALL.BIN** files that are relevant to your UNIX system in binary mode from the FTP site to the temporary directory that you created.
 - **Windows:** Copy the **PAAFT.7.0.00.100_<Windows_platform>.exe** file that is relevant to your Windows system from the FTP site to the temporary directory that you created.
4. (UNIX only) Type the following command for each copied installation file to ensure that the fix pack installation has the necessary authorizations:

```
chmod +x <installation_file>
```

Obtaining installation files through the BMC sales representative

This procedure describes how to obtain the Control-M for Advanced File Transfer installation files through the BMC sales representative.

➤ To obtain installation files through the BMC Sales representative:

- To obtain a product DVD, contact your BMC Sales Representative.

Contact information is available on the BMC website see <http://www.bmc.com/corporate/contacts-locations/>

Installation

The installation files for Control-M for AFT version 7.0.00 fix pack 1 are available from the BMC FTP site, on the installation CD, or through Electronic Product Distribution (EPD), as described in Product Distribution.

The following procedures enable you to install and uninstall fix pack 1 on UNIX and Windows:

- [Installing Control-M for AFT on UNIX](#) (on page 11)
- [Installing Control-M for AFT on Windows](#) (on page 12)
- [Uninstalling Control-M for AFT from UNIX](#) (on page 13)
- [Uninstalling Control-M for AFT from Windows](#) (on page 13)

Installing Control-M for AFT on UNIX

This procedure describes how to install Control-M for AFT version 7.0.00 fix pack 1 on UNIX computers.

Before You Begin

- Ensure that all jobs running on the Control-M/Agent have stopped.

➤ To install fix pack 1 on UNIX:

1. Log in as the user (**root** or **agent owner**) and stop Control-M/Agent by typing the following command:

```
<Control-M Agent_directory>/scripts/shut-ag -u <agentUser> -p all
```

If you are using an AIX operating system, you must remove unused libraries from memory, by typing the following command as a root user:

```
/usr/sbin/slibclean
```

2. Do one of the following:
 - If you obtained the installation files through FTP (see Obtaining installation files using FTP), navigate to the temporary directory that you created.
 - If you obtained a CD (through EPD or BMC Sales Representative), mount the installation CD.
3. Log in as the Control-M/Agent user.
4. Install the fix pack using one of the following methods:
 - To perform an interactive installation, type one of the following commands, and then press **Y**:
 - CD: **<CD>/Unix/setup.sh**
 - FTP: **<temp_dir>/PAAFT.7.0.00.100_<Operating_System>.INSTALL_BIN**
 - To perform a silent installation, type one of the following commands:
 - CD: **<CD>/Unix/setup.sh -s**
 - FTP: **<temp_dir>/PAAFT.7.0.00.100_<Operating_System>.INSTALL_BIN -s**

NOTE: You can change the directory location where the temporary installation files are extracted. For example, when there is insufficient disk space in the **/tmp** directory.

You can use the following sample path to extract the files to another directory:

```
<cdmount>/UNIX/setup.sh -d <location>
```

The *<location>* variable is the required location

5. Log in as user (**root** or **agent owner**), and start the Control-M/Agent by running the following command:

```
<CONTROL-M Agent_directory>/scripts/start-ag -u <agentUser> -p all
```

Installing Control-M for AFT on Windows

This procedure describes how to install Control-M for AFT version 7.0.00 fix pack 1 on Windows computers.

Before You Begin

Ensure that you have met the following requirements:

- Control-M/Agent is installed.
- 100 MB of free hard disk space available (same amount on the %temp% directory).
- Ensure that all jobs running on the Control-M/Agent have stopped.

➤ To install Control-M for AFT on Windows:

1. Log in as a Control-M/Agent administrator.
2. Do one of the following:
 - If you obtained the installation files through FTP (see Obtaining installation files using FTP) navigate to the temporary directory that you created.
 - If you obtained a CD (through EPD or BMC Sales Representative), insert the CD, and navigate to the **Windows** directory.
3. Install the fix pack using one of the following methods:
 - To perform an interactive installation, double-click the **PAAFT.7.0.00.100_<Windows_platform>.exe** file and continue with the installation wizard, following the on-screen instructions until the completion of the installation.
 - To perform a silent installation, open a command line and do the following:
 - a. Extract the fix pack files by typing the following command:

```
PAAFT.7.0.00.100_<Windows_platform>.exe -e
```

By default the files are extracted to **%temp%**. You can use **-d<extractPath>** to extract the files to another directory. Ensure that there is no space between **-d** and *<extractPath>*. Otherwise, the fix pack files are extracted to the default location: **%temp%**.

NOTE: If you are using Windows Vista, Windows 7, or Windows Server 2008, run the silent installation from a command prompt that was opened with administrator privileges.

b. Navigate to `%temp%\PAAFT.7.0.00.100` and type the following command:

```
silent.bat -i <instance_name>
```

4. To view the installation log, click the link.
5. Click **Finish**.

Uninstalling Control-M for AFT from UNIX

This procedure describes how to uninstall Control-M/Agent version 7.0.00 fix pack 1 from UNIX computers.

Before You Begin

Ensure that all jobs running on the Control-M/Agent have stopped.

➤ To uninstall Control-M for AFT from UNIX:

1. Log in as the user (**root** or **agent owner**) currently running the agent, and stop Control-M/Agent by typing the following command:

```
<CONTROL-M Agent_directory>/scripts/shut-ag -u <agentUser> -p all
```

If you are using an AIX operating system, you must remove unused libraries from memory, by typing the following command as root user:

```
/usr/sbin/slibclean
```

2. Log in as a Control-M/Agent user.
3. Uninstall the fix pack by using one of the following methods:
 - To perform an interactive uninstall, type the following command, and then press **Y**:
\$CONTROLM/patches/remove_fp -f PAAFT.7.0.00.100
 - To perform a silent uninstall, type the following command:
\$CONTROLM/patches/remove_fp -f PAAFT.7.0.00.100 -s
4. Log in as user (**root** or **agent owner**), and start the Control-M/Agent by typing the following command:

```
<CONTROL-M Agent_directory>/scripts/start-ag -u <agentUser> -p all
```

Uninstalling Control-M for AFT from Windows

This procedure describes how to uninstall Control-M for AFT version 7.0.00 fix pack 1 from Windows computers.

Before You Begin

Ensure that all jobs running on the Control-M/Agent have stopped.

➤ To uninstall Control-M for AFT from Windows:

1. Log in as a Control-M/Agent administrator.
2. Uninstall the fix pack by using one of the following methods:

- To perform an interactive uninstall, do the following:
 - a. From the **Start** menu, select **Control Panel > Add/Remove Programs > Control-M for AFT**.
 - b. Select **Remove**.
- To perform a silent uninstall, do the following:
 - c. Navigate to the following directory:
`<CONTROL-M/ Agent_ directory>\<agent_instance_name>\install\PAAFT.7.0.00.100\`

NOTE: If you are using Windows Vista, Windows 7, or Windows Server 2008, run the silent installation from a command prompt that was opened with administrator privileges.

- d. From a command line, type the following command:
uninstallSilent.bat

Support for Control-M for AFT

These topics provide information about the following:

- [Levels of support](#) (on page 14)
- [Related documentation](#) (on page 14)

Levels of support

For more information about the latest support policies and guidelines, see the Customer Support page of the BMC website at <http://www.bmc.com/support>.

Related documentation

To view the latest BMC documents, including documents in other languages, see the Customer Support 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 Customer Support website.

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