

## Control-M for Advanced File Transfer

Version: 7.0.00

July 13, 2011

Tracking number: LPAFT.7.0.00

BMC Software is releasing version 7.0.00 of Control-M for Advanced File Transfer (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 product manuals.

Up-to-date, essential installation and service information that becomes available after this product is released will be placed under solution KA347490 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.

The following topics are discussed:

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## What's new

The following new features are now available in Control-M for AFT version 7.0.00:

- "Status Indicators" on page 2
- "File Age" on page 2



## Status Indicators

Control-M for AFT now provides indicators that appear next to each job that shows the status of the watch or transfer.(CAR00040924)

To enable this feature the following prerequisites are required:

- Control-M/EM version 7.0.00 fix pack 2 and above
- Control-M/Server 7.0.00 and above: See solution KA347948 in the Knowledge Base for more information.
- Control-M/Agent 7.0.00 fix pack 1 and above

For example:

When an AFT job is in a File Watch, a tooltip **File Watching** appears next to the job.

## File Age

Control-M for AFT now enables you to define the maximum and minimum file age for a Control-M for AFT File Watcher job. (CAR00042190)

## Enhancements

Table 1 describes Control-M for AFT enhancements for version 7.0.00.

**Table 1 Enhancements (part 1 of 2)**

Tracking number	Description
CAR00037055	Control-M for AFT now enables you to transfer multiple files using a wildcard pattern recursively, meaning all files matching the pattern in the source folder and all sub folders will be transferred if you select the <b>Recursive Pattern</b> checkbox.  Files are transferred to the destination with the same directory structure as the source directory structure.
CAR00037619	Control-M for AFT now sets the job OSCOMPSTAT with the value 7 when an AFT file watch fails.
CAR00041587	Control-M for AFT now enables you to use the \$\$AFTFILE internal variable in the Create Empty File field in the AFT job editing file.
CAR00042181	Control-M for AFT now enables you to exclude files matching the wildcard pattern when you use a wildcard in the source path.

Table 1 Enhancements (part 2 of 2)

Tracking number	Description
CAR00042646	(MVS only) Control-M for AFT now supports the SMS Management Class and SMS Data Class attributes.
CAR00043274	Control- M for AFT now supports SSL Clear Data Channel that enables you to encrypt the connection process while data is transferred without encryption.
CAR00043273	Control-M for AFT now enables you to improve your SFTP performance if required.  For more details, see KA350162

## Corrected problems

Table 2 describes the problems that were reported in earlier releases of Control-M for AFT and have been corrected. The list of corrected problems is also available under solution KA347491 in the Knowledge Base.

Table 2 Corrected problems (part 1 of 4)

Tracking number	Description
CAR00039030	Control-M for AFT might fail to detect files watched on a remote server after an unexpected network disconnection.  The following error message appears in the sysout:  <code>send ftp command failed socket error: An established connection was aborted by the software in your host machine.</code>
CAR00041011	A Control-M for AFT job might not continue to the next transfer when you select the <b>Continue on Failure</b> option and you do not have permissions to access the transfer folder.
CAR00041018	A Control-M for AFT account cannot be saved in the Control- M Configuration Manager if the password field in Account Management contains the characters ">" and/or "<".
CAR00041129	(UNIX only) Control- M for AFT copies the Sysout with default permissions instead of the permissions defined in the SYSOUT_MODE system parameter when the Sysout is copied as a post processing action.
CAR00041145	Control-M for AFT might fail to authenticate a local user on Solaris 9 update 2 and above if the OS defined algorithm set for the OS password encryption is not "_unix_".
CAR00041151	(UNIX only) A Control-M for AFT job crashes the Control-M/Agent and the AFT job is set to <b>Unknown</b> status if either the source or destination host is defined as local and the username is incorrect or does not exist.

**Table 2 Corrected problems (part 2 of 4)**

Tracking number	Description
CAR00041168	<p>You cannot retrieve the home directory when you use the <b>Get Home Directory</b> button in the Control-M Configuration Manager AFT Account Management and select the <b>SSL Implicit</b> option.</p> <p>The following error message appears:</p> <pre>Get Home Directory failed, Error: FTP Server declined connection</pre>
CAR00041215	Control-M for AFT might transfer files with an incorrect case to AS400 FTP servers with a case sensitive file system.
CAR00041721	<i>(UNIX Only)</i> The Sysout file is copied with root as the file owner instead of the Control-M/Agent user. This occurs when the Sysout is copied as a post processing action.
CAR00041752	You are not able to view, edit, or create a Control-M for AFT account in the AFT Account Management in the Control-M Configuration Manager after saving an account containing an ampersand character in the account fields.
CAR00041949	Control-M for AFT fails to detect files on Microsoft IIS server version 7 and higher when it looks for a file to transfer or watch with a wildcard in an empty directory.
CAR00042022	You cannot validate an AFT account that contains a host defined as <b>Local CM</b> in the Control-M Configuration Manager when a UNC path is defined as the home directory.
CAR00042025	A Control-M for AFT job causes the Control-M/Agent to crash and jobs are set to <b>Disappear</b> status when you run a Control-M for AFT File watcher job and the connection to the FTP server fails.
CAR00042097	<p>A Control-M for AFT job fails if the destination directory is created by the <b>Create Directory</b> FTP pre command.</p> <p>The following error message appears:</p> <pre>Unable to enter destination directory &lt;Directory name&gt;</pre>
CAR00042138	<p>Temporary files are not deleted from the Control-M for AFT stat folder for jobs, which includes a sysout move or delete post processing action.</p> <p>The following error message appears:</p> <pre>Clear sysout./cm/AFT/sysout/sys out file name&gt; failed: No such file or directory</pre>
CAR00042334	A file larger than 2GB does not appear in the <b>Select</b> window when the FTP server is Microsoft IIS.
CAR00042353	<p>Some path patterns fails to match when Control-M for AFT is installed on a Windows computer even though the pattern does match a file.</p> <p>The following error message appears:</p> <pre>No matching files for pattern &lt;pattern&gt;</pre>

Table 2 Corrected problems (part 3 of 4)

Tracking number	Description
CAR00042520	<p>A Control-M for AFT job ends OK even though the transfer fails when transferring files to/from MVS and the FTP server returns an 450 error code with the following error message in the sysout:</p> <p>[Data set] is allocated to another job and is unavailable for STOR command</p>
CAR00042531	<p>A Control-M for AFT job fails or is stuck in executing state when you transfer a file larger than 4GB with SFTP protocol and the Control-M/Agent and the Control-M for AFT are installed on HP-UX-ia64 (Itanium).</p> <p>The following error message appears:</p> <p>Post transfer file size validation failed: original name - &lt;file name&gt; original size [&lt;originalfile size&gt;] actual size [&lt;actual destination file size</p>
CAR00042639	<p>Control-M for AFT fails to find the file specified when the remote server fails to change the working directory to the same directory.</p> <p>The following error message appears:</p> <p>ftp reply ---&gt;550 CONTROLM_AFT: The system cannot find the file specified</p>
CAR00042757	<p>A Control-M for AFT job fails on rerun when you transfer a file to a local destination that contains an existing file with the same name and the source file size is larger or smaller than the existing file.</p>
CAR00042777	<p><i>(UNIX only)</i> Control-M for AFT PGP Decrypt fails if the destination directory is located on a file system other than the AFT PGP temporary directory.</p> <p>The following error message appears in the Control-M for AFT log file:</p> <p>Cannot link to a file on another device</p>
CAR00043389	<p><i>(Windows only)</i> Control-M/Agent crashes if Control-M for AFT uses SFTP protocol and the SFTP server is sending echo messages after login.</p>
CAR00043425	<p><i>(Windows only)</i> Control-M for AFT jobs fails if the Control-M/Agent cannot locate the Control-M for AFT FILE_TRANS.dll library even though the dll exists.</p> <p>The following error message appears in the Control-M for AFT logs:</p> <p>FTP_job_submit : cannot load library</p>

**Table 2 Corrected problems (part 4 of 4)**

Tracking number	Description
CAR00043487	<p>The following error message appears in the Control-M/Desktop even though the job definition is correct when you order a job that transfers multiple files to one file and the Append option is selected.</p> <p>The following error message appears:</p> <pre>This is an illegal request. Multiple files cannot be transferred into one file</pre>
CAR00043490	Control-M for AFT cannot connect to an FTP server with the FTP over SSL protocol in implicit mode when the server's welcome message exceeds 1023 Bytes.
CAR00043552	<p>Control-M for AFT creates incorrect filenames on the destination host when you use the SFTP protocol and the filename contains a colon.</p> <p>For example, if the filename is abc:def.txt, the filename on the destination host is created as def.txt.</p>
CAR00044051	<p>A Control-M for AFT job fails if you set a language in an AFT account that includes month names longer than three characters.</p> <p>The following error message appears:</p> <pre>ftp reply ---&gt;550 31 11:16 &lt;file name&gt;: No such file or directory</pre>
CAR00043938	Control-M/Agent crashes when you modify the Control-M for AFT PGP Template password in Account Management to more than 20 characters.

## Control-M for AFT compatibility

Control-M for AFT can be installed on Windows and/or UNIX computers. Control-M for AFT works together with other products in the CONTROL-M scheduling solution (for example, Control-M/Server and 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 7
- “Control-M for AFT compatibility with UNIX/Linux” on page 7
- “Control-M for AFT compatibility with Control-M components” on page 8
- “Control-M for AFT component requirements” on page 9
- “Control-M for AFT language compatibility” on page 9

Some compatibility requirements might have changed since Control-M for AFT 7.0.00 was released. For the most current compatibility information, see <http://webapps.bmc.com/paczos/faces/pac/index.jsp>.

## Control-M for AFT compatibility with Windows

Table 3 lists the Windows operating systems that are compatible with Control-M for AFT.

**Table 3 Control-M for AFT compatibility with Windows**

Requirements	Hardware compatible processors
Windows 7 Professional Edition	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ x86_64</li> </ul>
Windows 7 Ultimate Edition	
Windows 7 Enterprise Edition	
Windows Vista Business Edition	
Windows Vista Enterprise Edition	
Windows Vista Ultimate Edition	
Windows XP Professional	
Windows Server 2003 Enterprise Edition	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ ia64</li> <li>■ x86_64</li> </ul>
Windows Server 2003 Standard Edition	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ x86_64</li> </ul>
Windows Server 2008 Enterprise Edition	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ ia64</li> <li>■ x86_64</li> </ul>
Windows Server 2008 Standard Edition	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ x86_64</li> </ul>
Windows Server 2008 R2 Enterprise Edition	x86_64
Windows Server 2008 R2 Standard Edition	

## Control-M for AFT compatibility with UNIX/Linux

Table 4 lists the UNIX/Linux operating systems that are compatible with Control-M for AFT.

**Table 4 Control-M for AFT compatibility with UNIX/Linux**

Operating system	Versions	Bits	Hardware compatible processors
IBM® AIX	<ul style="list-style-type: none"> <li>■ 7.1</li> <li>■ 6.1</li> <li>■ 5.3</li> <li>■ 5.2</li> </ul>	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	Power
HP-UX	<ul style="list-style-type: none"> <li>■ B.11.31</li> <li>■ B.11.23</li> <li>■ B.11.11</li> </ul>	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	PA-RISC
	<ul style="list-style-type: none"> <li>■ 11.31</li> <li>■ 11.23</li> </ul>	64	Itanium (ia64)
Oracle Solaris	<ul style="list-style-type: none"> <li>■ 10</li> <li>■ 9</li> <li>■ 8</li> </ul>	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	Sparc
	10	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ x86_64</li> </ul>
Red Hat Enterprise Linux AS	4	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ ia64</li> <li>■ x86_64</li> <li>■ IBM® zSeries®</li> </ul>
Red Hat Enterprise Linux ES	4	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ ia64</li> <li>■ x86_64</li> </ul>
Red Hat Enterprise Linux Server	<ul style="list-style-type: none"> <li>■ 6</li> <li>■ 5</li> </ul>	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ ia64</li> <li>■ x86_64</li> <li>■ IBM® zSeries®</li> </ul>
SuSE Linux Enterprise Server	<ul style="list-style-type: none"> <li>■ 11</li> <li>■ 10</li> <li>■ 9 (SP4)</li> </ul>	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ ia64</li> <li>■ x86_64</li> <li>■ IBM® zSeries®</li> </ul>
Oracle Enterprise Linux Server	5	<ul style="list-style-type: none"> <li>■ 32</li> <li>■ 64</li> </ul>	<ul style="list-style-type: none"> <li>■ x86</li> <li>■ x86_64</li> </ul>

## Control-M for AFT compatibility with Control-M components

Table 5 lists the Control-M components that are compatible with Control-M for AFT.



**Table 5 Control-M components compatibility with Control-M for AFT**

Requirement	Version
Control-M/Agent	<ul style="list-style-type: none"> <li>■ 7.0.00</li> <li>■ 6.4.01</li> <li>■ 6.3.01</li> </ul>
Control-M/EM	<ul style="list-style-type: none"> <li>■ 7.0.00</li> <li>■ 6.4.01</li> <li>■ 6.3.01</li> </ul>
Control-M/Server	<ul style="list-style-type: none"> <li>■ 7.0.00</li> <li>■ 6.4.01</li> <li>■ 6.3.01</li> </ul>

## Control-M for AFT component requirements

Table 6 lists the Control-M for AFT component requirements.

**Table 6 Control-M for AFT component requirements**

Component	Requirements
Minimum RAM	256 MB
Required Disk Space	256 MB

## Control-M for AFT language compatibility

Table 7 lists languages that are compatible with Control-M for AFT.

**Table 7 Control-M for AFT language compatibility**

Languages	Level of support
East Asian (CJK)	<p>The following languages are supported:</p> <ul style="list-style-type: none"> <li>■ Traditional Chinese</li> <li>■ Simplified Chinese</li> <li>■ Japanese</li> <li>■ Korean</li> </ul>
W. European (Latin-1 character set)	Defines special Western European characters used in English, Spanish, German, and French in most free-text fields and parameters.

# Product distribution

The following procedures describe how to obtain the installation files for Control-M for AFT version 7.0.00 via EPD and the BMC Sales Representative:

- “Obtaining installation files via EPD” on page 10
- “Obtaining installation files via the BMC Sales Representative” on page 10

## Obtaining installation files via EPD

This procedure describes how to obtain the Control-M for AFT version 7.0.00 installation files via 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 Download the installation files, as follows:
  - **UNIX:** 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 .tar file according to your operating system, to a temporary directory.
  - **Windows:** Do one of the following:
    - Download and save the zip file to a temporary directory.
    - Download and save the iso file to a temporary directory, and then burn it onto a DVD.

## Obtaining installation files via the BMC Sales Representative

This procedure describes how to obtain the Control-M for AFT version 7.0.00 installation files via the BMC Sales Representative.

### To obtain installation files via the BMC Sales Representative:

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

The list of representatives are available at <http://www.bmc.com/corporate/contacts-locations/>.

The DVD for this version is associated with tracking number LPAFT.7.0.00. Refer to this number when ordering or requesting maintenance for this product.

## Support for Control-M for AFT

This section provides information about the following:

- BMC support for Control-M for AFT
- Documents that support the Control-M for AFT
- How to contact BMC Customer Support

## Levels of support

For information about the latest support policies, see the Customer Support website at <http://www.bmc.com/support>.

## Product deliverables

The following deliverables support Control-M for AFT:

- *Control-M for Advanced File Transfer 7.0.00 Administrator Guide*
- Control-M for AFT job editing form help
- Control-M Configuration Manager Control-M for AFT plug-in help

To view the latest BMC documents, 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.

## Customer support

If you have problems with or questions about a BMC product, see the Customer Support website at <http://www.bmc.com/support>. You can view or download product documents, find answers to frequently asked questions, and download products and maintenance. If you do not have access to the web and you are in the United States or Canada, contact Customer Support at 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.

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