8.0

MOVEit Central

Release Notes

Contents

Overview

This document describes the new features, enhancements, and bug fixes for **MOVEit Central Corporate** and **MOVEit Central Enterprise**.

New in Version 8.0

Version 8.0 is a generally available maintenance release that fixes several significant defects and adds:

- **Improved Performance**: Boosts performance for power users and enterprise-wide implementations.
    - Efficient state file management - regular and Sync tasks
    - Reduced automation task run-time
    - Improved system performance and resource efficiency
    - Updated PGP module: Authora, EDGE
    - Larger file support using all major protocols
- **Enhanced Security**: Supports stronger and more customized security policies
    - Can set file permissions on SSH/SFTP servers
    - Control SSH encryption algorithms for higher level of security
    - Support for strong SSH keys (4096-bit)
- **More Platforms**: Leverages current industry platforms
    - Support for Windows Server 2012 R1
    - Support for SQL Server 2012
    - Updated MySQL 5.5

Version 8.0 includes all fixes from and replaces all MOVEit Central 7.1.x.x patch releases.

System Requirements

MOVEit Central runs best on the following minimum hardware, operating system and database requirements:

- **Hardware**:
    - A server with a 2 GHz processor
    - 1 GB RAM
    - 80 GB SATA or SAS hard drive

  - 100/1000 MB ethernet interface (for TCP/IP traffic).

  A faster processor, faster hard drives and more memory are recommended for busy sites.

  Note: MOVEit Central does not need to be the only application or service running on this machine.

- **Operating system** (one of the following):
  - Windows Server 2008 R2 (64-bit English and German)
  - Windows Server 2008 (32-bit and 64-bit)
  - Windows Server 2012 R1
  - Support for virtual servers running on VMware ESX (64-bit) and Microsoft Hyper-V 1.0 (64-bit)
- **Database** (one of the following):
  - MySQL (5.5)
  - Microsoft SQL Server 2008 Enterprise/Standard
  - Microsoft SQL Server 2008 R2 Enterprise/Standard (Not Data Center)
  - Microsoft SQL Server 2012 Enterprise/Standard

License Key: An evaluation or production 16-digit license key is required (for example) C-ABCDE-ABCDE-ABCDE). Older installations may use a 15-digit license key (for example, 12345-12345-12345). MOVEit Central still supports these as well. You may enter a specific key or point to a license file.

Remote Administration of MOVEit Central: The MOVEit Central setup program also installs MOVEit Central Admin on the server. To administer MOVEit Central remotely, use the standalone MOVEit Central Admin installation program to set up the client on each of your remote desktops. In addition to the operating systems shown above, you can also install MOVEit Central Admin on Windows 7 Professional/Enterprise.

Server Certificate: If you plan to use MOVEit Central Admin remotely, a server certificate is recommended though not required. The MOVEit Central installation package will automatically install a self-signed certificate to use for this purpose. If you would like to use your own SSL certificate instead, you must install it (usually though the Microsoft "Certificates" Management Console), select it with the MOVEit Central Configuration utility and restart the MOVEit Central service.

The latest production recommendations can be found in the online *Support Knowledge Base* (*http://ipswitchft.force.com/kb/knowledgeProduct?c=MOVEit_Central*).

Optional: Supported Antivirus Engine

When Symantec AntiVirus, McAfee VirusScan, or Trend Micro OfficeScan detect a virus, MOVEit Central will take action to delete or ignore the infected files and will log the appropriate message. Installing one of these antivirus packages is not required, but it is recommended if you would like MOVEit Central to use its free, integrated antivirus facility.

Supported Versions

EOL Warning for 'MOVEit Central 7.1'

Pursuant to the Ipswitch File Transfer "Product Lifecycle and EOL Policy", Ipswitch File Transfer announces the End-of-Availability (EOA), End-of-Sales (EOS) and End-of-Life (EOL) dates for MOVEit Central 7.1. As of October 1, 2013, all MOVEit Central 7.1 versions enter their Maintenance Phase. On April 1, 2014 all MOVEit Central 7.1 versions enter their Sunset Phase, and an EOL date has been set. EOL for all MOVEit Central 7.1 versions has been set for October 1, 2014. That EOL date will also mark the End-of-Maintenance (EOM) for these product versions, and any support beyond that date will require purchase of a Maintenance Extension, available at the discretion of Ipswitch File Transfer. During the Sunset Phase of these product versions' lifecycle, and prior to EOL/EOM, the product versions will continue to be fully supported for existing customers through all main channels of support, including telephone and email support, online support, and access to the product's knowledge base.

EOL Confirmation for 'MOVEit Central 6.0 and 7.0'

MOVEit Central versions that are currently beyond EOL/EOM dates and are no longer available for sale or support include MOVEit Central versions 7.0 and 6.0. Post-EOM Maintenance Extensions may be granted in select cases, at the discretion of Ipswitch File Transfer. Willingness to grant a Maintenance Extension will depend on the availability of suitable Active-Support upgrade alternatives, among other factors. Customers interested in a Maintenance Extension are encouraged to contact their Ipswitch File Transfer Sales Representative to learn more. at the discretion of Ipswitch File Transfer. During the Sunset Phase of these product versions' lifecycle, and prior to EOL/EOM, the product versions will continue to be fully supported for existing customers through all main channels of support, including telephone and email support, online support, and access to the product's knowledge base.

Customer Upgrade/Migration Options

Customers running EOL or soon to be EOL versions should make plans to upgrade to MOVEit Central 8.0. Support and Professional Services are available to assist in the migration.

For More Information

For additional information regarding this announcement, please contact your account sales executive. For additional information concerning Ipswitch File Transfer Product Lifecycle and EOL Policy, or specific information pertaining to products on which you currently have a support policy, please visit the Ipswitch File Transfer support pages.

Upgrading to version 8.0

If you are upgrading from MOVEit Central 7.0 or later, you can upgrade directly to MOVEit Central 8.0

If you are upgrading from MOVEit Central 6.x or earlier, you will need to first upgrade to version 7.0, then upgrade to version 8.0. Please consult the separate MOVEit Central 7.0 release notes for information about upgrade paths and new features introduced in MOVEit Central 7.0.

Licensees.

Those licensed for one or more of the MOVEit products can upgrade, at no additional cost, under their prepaid maintenance coverage. Copies of the version 8.0 products will be placed on the ***Ipswitch MOVEit Customer Portal*** (***https://ipswitchft.secure.force.com/cp/***) and email notifications will be sent to the designated technical contacts at select licensees. For all customers, we recommend that you:

- Download a new license file
- Download the MOVEit Central 8.0 application

If you need further assistance with license issues, please contact ***Ipswitch MOVEit Support*** (***http://www.ipswitchft.com/company/contact.aspx?section=1***).

Onsite Evaluators.

Those doing an onsite evaluation of one or more of the above MOVEit products can upgrade to version 8.0, at no additional cost, once it is commercially released. Copies of version 8.0 will be placed on the ***Ipswitch Customer Portal*** (***https://ipswitchft.secure.force.com/cp/***), and email notifications sent, so onsite evaluators can now login, download, and install it. If a new evaluation license is needed in order to evaluate version 8.0, then onsite evaluators can request one from their Ipswitch sales representative.

New Features, Enhancements, Bug Fixes, and Known Issues

MOVEit Central is an enterprise-level, Windows-based, automated managed file transfer (MFT) workflow engine that pulls, processes and pushes files on a scheduled, event-driven or on-demand basis between internal and external systems, including MOVEit DMZ servers. MOVEit Central does this using easily created tasks (no programming required) that can exchange files between multiple systems using multiple protocols, and process files with many built-in functions (including OpenPGP encryption) and custom VBScript scripts.

Enhancements

Better handling of large (100 MB) micstate files

A limitation with how MOVEit Central stores state information (i.e., saved directory listings for Synchronization tasks, saved date/time stamps for Collect Only New Files functionality, etc.) caused performance issues and/or crashes when the MICState.xml file grew significantly large. This was addressed by implementing a new multi-file state system that stores state information at a per-Host and per-Task level, rather than storing all state information for the entire system in a single file. Additionally, there are new options that control how state information is loaded into memory and how long it will remain cached in memory, which provide flexibility between preventing resource exhaustion and maximizing task run-time efficiency.

Upgrades MySQL to latest version

The version of MySQL installed by MOVEit Central has been upgraded to v5.5.34 Enterprise.

Upgrades Microsoft SQL Server Native Client to latest version

The version of Microsoft SQL Server Native Client installed by MOVEit Central has been upgraded to version SQL Server 2008 R2 Service Pack 2 10.50.4000.0.

Support for Windows Server 2012 R1

MOVEit Central now supports Windows Server 2012 R1.

Updated PGP Library (Veridis)

The PGP module used by MOVEit Central has been upgraded to the latest version to address certain compatibility and security related issues. (Authora, EDGE)

Can now set file permissions on SSH/SFTP servers

Added a new configuration setting for SSH hosts that enables MOVEit Central to set file permissions after successful file uploads. This applies only to Unix-style SSH hosts.

Ability to configure SSH ciphers

Added new options to SSH hosts for configuring allowed ciphers.

SSH/SFTP now reuse session for destinations

Enhancements to the logic surrounding SSH session re-usage for task destinations results in improved task run-time.

Can Import 4096-bit SSH key (Support for strong SSH keys)

4096-bit SSH keys can now be imported into MOVEit Central.

New timeout options to work-around issues with large files and duplicates

Added new host settings for all major protocols that allows configuring connection and data timeouts.

Lookup Script now has option to set number of columns

The built-in LookUp script was enhanced to allow configuring the desired number of value columns that the script should look for in the lookup table. This was previously limited to 5 lookup value columns.

Bug Fixes

TrimStats times out when using SQL Server database

There was a limitation in the TrimStats built-in task that could potentially cause timeouts when run against a Microsoft SQL Server database. A new task parameter for the TrimStats script allows configuring a more desirable timeout value.

SyncReport() macro crashes MOVEit Central if used in traditional task

MOVEit Central would crash when the SyncReport() macro was mistakenly used in a traditional task. This has been fixed.

Advanced Options button on second monitor causes overflow error

MOVEit Admin would crash when attempting to initialize certain dialogs on a secondary computer monitor. This has been fixed.

Scheduler thread deadlock can cause MOVEit Central to hang

There was a bug that could potentially cause MOVEit Central to hang due to a deadlock between the scheduler and file notification threads. This has been fixed.

TLS channel closure not entirely RFC-compliant

There was an FTP incompatibility issue when attempting to receive data from a vsftpd or Gene6 FTP server. The issue could potentially cause bad performance and/or failures when receiving data. This has been fixed.

In v7.1.1, User Groups throw SQL error when over 1300 tasks

There was a limitation that prevented assigning large amounts of tasks to User Groups in MOVEit Central. This has been addressed.

Scheduler does not realize when a task has hung/crashed

Added a **Kill Task** option that can forcibly remove a task from the list of currently running tasks, if that task is hung or has crashed. This option is exposed only after a **Stop Task** has been attempted.

When a MOVEit DMZ host is configured to use a client certificate and MOVEit Central is installed on host with IE9, MOVEit Central would crash

A bug caused MOVEit Central to crash when using a MOVEit DMZ host configured with a client certificate and when MOVEit Central is installed on a server that has Internet Explorer 9. This has been fixed.

MOVEit Central API: Get calls return null-terminated strings

There was a bug introduced in version 7.2 of the MOVEit Central API that caused string values returned by various API functions to be null terminated. This has been fixed.

MOVEit Central cannot parse large XML response from MOVEit DMZ

There was a bug that was causing corruption of large XML responses coming from certain queries to MOVEit DMZ hosts, such as listing matching files for a task source. This has been fixed.

POP3: Collect Only New Files incompatible with some messages

There was a bug that was causing MOVEit Central to repeatedly download messages from a POP3 server that contained header values that are folded onto multiple lines. This has been fixed.

Case insensitivity when using two-way sync tasks

There was a bug related to case insensitivity in bidirectional MOVEit Central synchronization tasks that could potentially cause files and/or folders to be incorrectly deleted from a host. This has been fixed.

Tectia server compatability

There was a compatibility issue with Tectia SSH servers related to supporting the Diffie-Hellman-group14-sha1 key exchange algorithm. Support for this algorithm has been added to MOVEit Central's SFTP module.

Scheduler: 'Run once' schedules are vulnerable to not running for a whole day

There was a timing issue that could potentially cause MOVEit Central's task scheduler to miss certain task runs when the system is under heavy load. This has been fixed.

Retries: each attempted transfer should be logged to the database

Added a new setting that enables the audit logging of each individual retry attempt that a task may encounter when communicating with a source or destination.

Windows CopyFileEx function no longer downloads files sequentially via SMB

There was a compatibility issue with Windows Server 2008 R2 that was causing timeouts and failures when attempting to download large files from UNC shares via the SMB protocol. This has been addressed by adding a new UNC host specific option that allows disabling the usage of the Windows CopyFileEx function, which is responsible for the bad performance, in favor of a custom MOVEit Central file copy routine.

MOVEit Central crashes on POP3 downloads

There was a buffer overflow bug that was causing MOVEit Central to crash during the download of certain POP3 messages. This has been fixed.

API has no Disconnect function, sockets stay open

MOVEit Central API: Added a new function Disconnect() that allows API applications to close sockets that were opened to communicate with the MOVEit Central server.

WeOnlyDo two-factor authentication issues with newer versions of Tumbleweed

There was a compatibility issue that was preventing MOVEit Central from successfully authenticating to newer versions of Axway Tumbleweed servers. This has been fixed.

PGP keyrings can be truncated during replication if they get above ~1.5MB

There was a bug that was causing large PGP keyrings to potentially be truncated during failover replication. This has been fixed.

Alternate Host functionality: 'The host for this destination is down' should not occur unless there is actually an Alternate Host configured

There was a bug that was preventing MOVEit Central from attempting to send subsequent files after an upload failure occurs on a destination with no Alternate Host configured. This issue was also causing an erroneous error message to overwrite the true cause of the upload failure. This has been fixed.

MOVEit Crypto license has expired or is invalid

Fixed an erroneous error message regarding MOVEit Crypto license expiration that was being logged to the Windows Event Log.

Generating SSH Key in Admin hangs service, client

There was a bug that could potentially cause MOVEit Central to hang when attempting to generate a new SSH key. This has been fixed.

Task Transfer Exception state should not be saved for files that were deleted anyway

There was a bug that was causing state information related to task Transfer Exceptions to be saved even though the source files were eventually deleted by the same task. This has been fixed.

Collect Only New Files state grows without limit when non-static macro is used in folder path

There was a bug that was causing MOVEit Central state information related to Collect Only New Files functionality to grow without limit when non-static macros, such as [dd] or [yyyy], are used in a task source's folder path field. This has been addressed by adding a new setting that enables the deletion of state information after a specified amount of time.

Deleted sync task: SavedDirs info remains in state after task is deleted

There was a bug that caused state information related to synchronization tasks to persist even after that task has been deleted. This has been fixed.

Cannot send large/slow AS2 files, causes duplicates and disk space exhaustion

There was a timeout issue related to sending large AS2 files that could potentially cause duplicates and disk space exhaustion. The timeout window has been increased to accommodate the sending of large AS2 files.

Exporting PGP Decrypt tasks should include PGP key pointed to by task parameter PGPPreferredDecryptionKey

There was a bug that was preventing an Export Task command from including the PGP key referenced by the PGPPreferredDecryptionKey task parameter in the export XML package for tasks that use the PGPDecrypt built-in script. This has been fixed.

Retries are not being applied to Task but to files

With previous versions of MOVEit Central (v7.0, v7.2), the task would stop once it had exhausted all connection retry attempts. With v8.0, the retry attempts are not exhausted until retries with all files have completed. If the source has many files, and MOVEit Central cannot access the destination, the task continues to run until it has retried with every file it found on the source.

Known Issues: Service

AS1/AS3 Attachments do not retain Original File Name

When MOVEit Central receives an ASx message with attachments via AS1 or AS3, attached files do not retain the original file name.