



---

## JES2Mail 5.4.0 and JES2FTP 5.4.0 – New Features

- **SFTP File Transfer Support for JES2FTP**

SFTP support delivers enhanced security and reliability for file transfer. It is similar to FTP but uses an encrypted SSH transport to transfer data.

The SFTP implemented in JES2FTP is derived from the Portable OpenSSH source code. It interfaces with z/OS OpenSSH to perform encrypted file transfers. The z/OS OpenSSH program product is an IBM port of OpenSSH included as part of z/OS.

The same functionality available to FTP processing is available for SFTP processing. To select SFTP processing, the FTP host is prefixed with SFTP. SSH public key authentication must be configured using UNIX files or SAF key rings.

- **New Configuration Parameters**

Configuration options have been added for authentication and log tracing, as follows:

DefaultSFTPIidentityFilePath - Specifies a file from which the identity (private key) for authentication is read.

DefaultSFTPIidentityKeyRingLabel - Specifies the key ring owner, key ring name and certificate label within the key ring from which the user's RSA or DSA authentication identity is read.

DefaultSSHOptions - Specifies additional options to pass to the SSH interface for creating the SFTP connection.

SftpLogLevel - Specifies the level of log tracing for the SFTP connection.

- **New Ruleset Parameters**

Ruleset parameter options have been added to expand control of report processing, including:

SFTPIidentityFilePath - Specifies a file from which the identity (private key) for authentication is read.

SFTPIidentityKeyRingLabel - Specifies the key ring owner, key ring name and certificate label within the key ring from which the user's RSA or DSA authentication identity is read. The key ring can be real or virtual, and the certificate label can contain embedded blanks.

SSHOptions – Specifies additional options to pass to the SSH interface for creating the SFTP connection.

- **z/OS 3.1 Compatibility**

JES2Mail and JES2FTP have both been certified fully compatible with the z/OS 3.1 operating system.