

## Switch to Legacy (Bitwise) SSH Library

### THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT v7.4.11 - v7.4.15.x
- In EFT v8.0-8.0.5, add the values below to the [AdvancedProperties.json](#) file
- **Not available in v8.0.6 and later** (removed Bitwise library)

When you use this advanced property to enable old ciphers, the Negotiated SSH Ciphers report does not retrieve data (EFT v8.x and later)

### DISCUSSION

EFT v7.4.11 and later use an updated SSH library, v7.7.1.0\_openssh. Prior to this update, EFT used 1.82\_sshlib (Bitwise).

**If you want to revert to the legacy SSH library**, create the registry setting below (pre-v8) or in 8.0-8.0.5, add the advanced property to the [AdvancedProperties.json](#) file.

In 8.0-8.0.5, add the advanced property to the AdvancedProperties.json file like below:

```
"UseLegacySFTP":true }
```

If you have multiple Advanced Properties in the file, place a comma after true, unless it's the last one. For example:

```
"UseLegacySFTP":true,  
"AuditSuccessSocketConnections":true,  
"SAMLSSODigestAlgp":"sha256"  
}
```

### IMPORTANT

In EFT v7.4.11 and later with the updated library:

- For non-FIPS implementations, the private keys generated by previous versions should load just fine. RSA, DSA and SSH.com formats are supported.
- For FIPS implementations, FIPS mode does not support MD5. This means that only the

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new format keys are supported. The keys themselves are fine, it is the file format that is not supported. As a workaround you can use third-party tools like PuTTYGen to convert keys to the OpenSSH new format.

### **To revert to the legacy SSH library**

Create the following registry setting:

HKEY\_LOCAL\_MACHINE\SOFTWARE Wow6432Node\GlobalSCAPE Inc.\EFT Server 7.4\

Type: DWORD

Value name: **UseLegacySFTP**

Value: true = use legacy SFTP; false or doesn't exist = use updated SFTP

Restart Required: yes

Backup/Restore: yes

See also: <https://kb.globalscape.com/KnowledgebaseArticle11456.aspx>

GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/Knowledgebase/11439/Switch-to-Legacy-Bitvise-SSH...>