Splunk® Enterprise Installation Manual 7.1.0

Install Splunk Enterprise securely

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Verify integrity and signatures for your Splunk Installation when you download and install Splunk Enterprise.

Verify Integrity

Verify your Splunk Enterprise download using hash functions such as Message Digest 5 (MD5) and Secure Hash Algorithm-512 (SHA-512) to compare the hashes. Use a trusted version of OpenSSL.

MD5

This procedure helps you compare the MD5 hash of the installation file you download from the Splunk website against the expected hash of the file. The tools you use to compare the files might be different based on the operating system that you run. You might need to download these tools before verifying the MD5 hash.

1. Download the installation package for the platform and version of Splunk software that you want.
2. On the "Thank you for downloading" page, click the link to the MD5 hash file for this package.
3. Open a shell prompt or Terminal window.
4. Print the contents of the MD5 hash file.

   ```
   cat splunk-x.x.x-xxxxxxxxxxxx-Linux-x86-64.tgz.md5
   MD5 (splunk-x.x.x-xxxxxxxxxxxx-Linux-x86_64.tgz) =
   c63c869754d420bb62f04f4096877481
   ```
5. Run the `md5` tool against the installer package.

   ```
   md5 splunk-x.x.x-xxxxxxxxxxxx-Linux-x86-64.tgz
   MD5 (splunk-x.x.x-xxxxxxxxxxxx-Linux-x86_64.tgz) =
   c63c869754d420bb62f04f4096877481
   ```
6. Compare the output of both commands.
7. If the hashes match, then you have confirmed that the installation package that you downloaded is the same as what is on the splunk.com website.

SHA512

1. Copy Link name of download

2. Append SHA512

3.
https://download.splunk.com/products/splunk/releases/6.4.3/windows/splunk-6.4.3-b03109c2bad4-

Verify Signatures

Verify the authenticity of the downloaded RPM package by using the Splunk
GnuPG Public key.

1. Download the GnuPG Public key file. (This link is over Transport Layer
   Security (TLS).)
2. Install the key.

   ```
   rpm --import <filename>
   ```
3. Verify the package signature.

   ```
   rpm -K <filename>
   ```