



Veeam FastSCP

The industry standard for ESX file management

Three reasons to use Veeam FastSCP

- **It's fast:** Veeam FastSCP can copy files more than six times faster than SCP, as it uses full network capacity. This saves a huge amount of time when dealing with large files.
- **It's secure:** Veeam FastSCP doesn't require installing any additional services (daemons) on ESX. It uses SSH as a control channel to generate a one-time username and password for each file transfer session.
- **It's easy to use:** Veeam FastSCP doesn't require any ESX re-configuration. It has a Windows Explorer-like user interface familiar to any Windows user. Just run it on your Windows machine and start copying!

Veeam FastSCP™ is the de facto standard for ESX file management, with more than 150,000 downloads. FastSCP allows users to copy files from ESX to Windows, Windows to ESX or ESX to ESX. FastSCP is the simplest and fastest way to deliver ISO files to ESX Servers or copy VMs and templates between ESX Servers. FastSCP ensures security by using a one-time password feature and works more than six times faster than SCP.

Traditional file transfer in ESX

Managing files in an ESX environment can be a major challenge, even for experienced users. When you need to copy an ISO file to ESX Server, or make a backup copy of an existing VM, the fastest transfer method would be FTP, but ESX 3 does not offer this capability. What is more important, installing an FTP server on ESX (or all administrators' machines) to deliver a file would present a major security risk, because FTP transfers passwords in clear text.

This leaves SCP as the only recommended way to perform file copy from a Windows machine to ESX or visa versa, or from ESX to ESX. This approach brings with it a serious drawback, however, since SSH carries out numerous encoding and decoding operations on data, thus consuming precious CPU time and impacting server performance. In addition, SSH does not offer data compression, so file transfer can be time consuming.

File transfer with FastSCP

FastSCP effectively solves the problem of data transfer, and is available at no charge from the virtualization management experts at Veeam Software.

Fast file transfer

FastSCP can transfer files more than six times faster than SCP, as it uses full network capacity and compresses the data. This saves you a huge amount of time when dealing with large files.

Security

FastSCP uses SSH control channels to generate a one-time username and password for each file transfer session. It doesn't require installing any additional services on ESX or any other server reconfiguration.

Multi-ESX management

FastSCP allows a user to work with multiple ESX Servers at the same time. All servers are displayed in the Windows Explorer-like user interface. Using the native Windows security API, FastSCP securely stores all ESX connection information, allowing for single sign-on. This means that a user can switch between servers without needing to re-enter login/password or specify the server's IP address.

To learn more, visit: www.veeam.com

