

2018

Migrating Cornerstone MFT Server to New Hardware

A guide for migrating Cornerstone data, including configuration settings for Servers, Groups, and Users, to new hardware.

QuickStart Guide



Cornerstone Hardware Migration Guide

Moving data from old hardware is a fact for most corporations and can yield security and performance improvements to your file storage system. This guide will help you migrate either the current version of Cornerstone or an updated version to new hardware without losing your Server, Group, or User configuration data. You will need to:

- **Install the upgraded Cornerstone product**
- **Back up your configuration data and move it to the new hardware**
- **Activate your upgraded software and test it**

Migrating Cornerstone MFT Server

Install Cornerstone on your new hardware in elevated mode (as administrator). Find the latest version of Cornerstone at <http://www.webdrive.com/products/cornerstone-mft/cornerstone-mftdownload/>. Install the new software in one of two ways:

1. To upgrade Cornerstone, install on the new server and activate using the new registration code.
2. To migrate Cornerstone to a new computer without upgrading the software, install Cornerstone **in trial mode** on the new server.

Back Up and Import Cornerstone Configuration Data

On the old hardware, make copies of all of your configuration data in order to move it to the new hardware:

1. Open Regedit via Start > Run > Regedit.exe.
2. Navigate to HKEY Local Machine > Software > South River Technologies > Cornerstone MFT server > Servers registry key and select File > Export from the menu. Only the \servers key is required. This key holds the configuration(s) for each server previously set up in Cornerstone.
3. Save the file in “Win 9x/NT” format.
4. Import this file into regedit on the new hardware.

If you are running SSL and/or SFTP on your Cornerstone server(s):

1. From the Cornerstone administration console, expand the server, go to Security, select the FTPS/SSL tab, and note the certstore folder for each server instance running FTPS.
2. Go to the Security SFTP/SSH tab; note the host key folder for each server instance running SFTP.
3. Copy these folders to the new server. Once the registry is updated, Cornerstone will look for the certificates/host keys in these folders.

Finish the Migration

On your new hardware:

1. Stop/restart the Cornerstone service to pull in the server configurations.
2. Verify the new server setup(s) for each server instance. You may need to adjust some of the settings, such as the IP address the server instances are running on.
3. After testing settings and functionality, deactivate the old server. If you simply moved the Cornerstone install without upgrading, **activate the trial install** with the existing registration code.

Troubleshooting

Registration Code Failure

If you are unable to activate your new software using the upgraded registration code:

1. Ensure the admin application is running in elevated mode.
2. Ensure the everyone group, which includes every user, has full rights to C:\ProgramData\south river technologies\Cornerstone MFT server.

If the issue persists:

1. Stop the Cornerstone service, close the administrator, and stop the Cornerstone tray application.
2. Go to C:\ProgramData\south river technologies\Cornerstone MFT server and delete the .bin license file.
3. From the command line, run `srxcornerstone /clean`. This will not return a status/response given.
4. Run the admin console again and activate the server and webui (if applicable).

Migration Failure

If you are unable to access the Cornerstone administrator application upon migration:

1. Verify that port 31000 is free (it could be in use by Java). You can either free up that port, or change the port on which the admin application is called:
 - a. Open Regedit via Start > Run > Regedit.exe.
 - b. go to HKEY Local Machine > Software > South River Tchnologies > Cornerstone MFT server > LDomain > LASPort and change it from 31000 to another port number (ex. 31005).
 - c. Stop and restart the Cornerstone service and attempt to access the admin console.
2. Set your antivirus/security suite applications to allow traffic on 127.0.0.1 from/to port 31000.

System Requirements

Supported Operating Systems

- Windows Server 2012, all editions, 32-bit and 64-bit
- Windows Server 2008-R2, all editions, 32-bit and 64-bit
- Windows Server 2008, all editions, 32-bit and 64-bit
- Windows Server 2016, all editions, 32-bit and 64-bit

Minimum Hardware Requirements

- 2 GHz Pentium® class processor
- 4GB of RAM is required; 8GB of RAM is recommended
- Minimum 100MB of free disk space for the application
- Minimum SVGA (800x600) resolution display is required to run the Administration console program.

Minimum Software Requirements

- Microsoft .NET Framework v4.0 is required
- Microsoft SQL Server 2005 or later is required
- Microsoft SQL Server Management Studio Express is recommended

Limitations

- Cornerstone MFT server is a multi-threaded, dynamic server solution for the Microsoft Windows operating system. While designed to handle an unlimited number of user connections and servers, like all software, Cornerstone is limited by the resources of the computer; most notably, those limitations imposed by the Windows Sockets (WINSOCK) Library.

About South River Technologies

South River Technologies (SRT) is an innovator in secure file management software. SRT software allows users to securely access, manage, and collaborate on files over the Internet, streamlining business processes to improve productivity. SRT's products enhance customers' existing applications by instantly enabling secure access and collaboration within those applications. More than 90,000 customers in 140 countries use SRT's software to make remote file access and collaboration more efficient for their customers, partners, and distributed workforce.

For more information, please visit www.southrivertech.com. South River Technologies, Cornerstone MFT, Titan FTP Server, WebDrive, and DMZedge Server are registered trademarks of South River Technologies, Inc. in the U.S. and other countries. Any information in this document about compatible products or services should not be construed in any way to suggest SRT endorsement of that product or service.

Contact Information

South River Technologies, Inc.
1910 Towne Centre Blvd
Suite 250
Annapolis, Maryland 21401
USA

Toll Free: 1-866-861-9483
Main: 443-603-0290
Fax: 410-266-1191
Corporate Web site: www.southrivertech.com
Online Support: www.srthelpdesk.com