

Contents

[Introduction](#)

[Problem](#)

[Solution](#)

[Related Information](#)

Introduction

This document describes the error that occurs in some cases when sFTP (Secure File Transfer) file transfer from the ASR5500 chassis to a sFTP server fails due to incorrect server configuration in the SSH (secure shell) configuration file, **sshd_config**.

Problem

Error occurs when files are transferred from the ASR5k to a SFTP.

```
[local]ASR5000-2# copy /flash/test sftp://root:cisco123@10.201.251.13:22/localhost/test
Failure: "FAILED because unable to write destination",
copy /flash/test sftp://root:cisco123@10.201.251.13:22/localhost/test
```

The setting in **/etc/ssh/sshd_config** file:

```
# Change to yes to enable tunnelled clear text passwords
PasswordAuthentication no
```

If you use FTP protocol, the transfer is successful.

Solution

Out of the two Linux servers in the lab, it was possible to reproduce the issue on one server but not the other. Only difference was the IP address of the server in the test.

```
[local]ASR5000-2# copy /flash/test sftp://root:cisco123@10.201.251.5:22/localhost/test
*****
Transferred 22789 bytes in 0.002 seconds (11127.4 KB/sec)
[local]ASR5000-2#
[local]ASR5000-2#
[local]ASR5000-2# copy /flash/test sftp://root:cisco123@10.201.251.13:22/localhost/test
Failure: "FAILED because unable to write destination",
copy /flash/test sftp://root:cisco123@10.201.251.13:22/localhost/test [local]ASR5000-2#
```

While the server settings are reviewed, it was noticed that there was a difference between the setting of two servers in **/etc/ssh/sshd_config** file. The working server had this setting:

```
# Change to yes to enable tunnelled clear text passwords
PasswordAuthentication yes
```

When this parameter is modified to yes and the service is restarted with the **/etc/init.d/ssh restart** command, you can successfully transfer a file using SFTP.

```
[local]ASR5000-1# copy /flash/test2.cfg sftp://root:cisco123@10.201.251.13/localhost/test2.cfg
Tuesday January 19 08:11:47 PST 2016
```

```
Are you sure? [Yes|No]: yes
Tuesday January 19 08:12:15 PST 2016
*****
Transferred 33316 bytes in 0.001 seconds (32535.2 KB/sec)
[local]ASR5000-1# copy /flash/test2.cfg sftp://root:cisco123@10.201.251.5/localdisk/test2.cfg
Tuesday January 19 08:13:09 PST 2016
Are you sure? [Yes|No]: yes
Tuesday January 19 08:13:18 PST 2016
*****
Transferred 33316 bytes in 0.001 seconds (32535.2 KB/sec)
```

Related Information

- [ASR5500 System Administration Guide - Cisco Systems](#)
- [Technical Support & Documentation - Cisco Systems](#)