

ASA Security Appliance Disk0 Error Message

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[Introduction](#)

This document describes the Cisco Adaptive Security Appliance (ASA) disk0 error message with resolutions for the problem.

[Prerequisites](#)

[Requirements](#)

There are no specific requirements for this document.

[Components Used](#)

The information in this document is based on the Cisco 5500 Adaptive Security Appliance (ASA) with software version 7.x.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

[Conventions](#)

Refer to [Cisco Technical Tips Conventions](#) for more information on document conventions.

[Problem](#)

The disk0 directory displays this error message:

```
ASA(config)#dir disk0: Directory of disk0:/%Error calling getdents for disk0:/ (File not found in Inode table) 255426560 bytes total (227303424 bytes free)
```

When the **wr mem** command is issued, this error appears:

```
%Error writing disk0:/.private/startup-config (I/O error)Error executing command[FAILED]
```

Note: You can see the same error message even when you attempt to copy the ASA software image to disk0: via TFTP.

Tip: Before you implement the solutions in this document, make sure that the **logging flash-bufferwrap** command is not in your configuration. If it is, remove it with this command:

```
ASA(config)#no logging flash-bufferwrap
```

Solutions

Use the solutions in this section to solve the problem.

Solution 1

Run a file system check on disk0 by issuing the **fsck disk0:** command.

```
ASA(config)#fsck disk0:
```

Note: If this solution does not resolve the issue, [contact TAC](#) ([registered](#) customers only) .

Solution 2



Warning: Perform this step only if the issue still persists, re-format the Flash and copy the image as this output shows:

```
ASA(config)#format disk0: Format operation may take a while. Continue? [confirm] y
ASA(config)#copy tftp disk0:
```

Note: The **format** command erases your configuration. Be sure you have a backup first. Refer to [Use the copy Command to Backup and Restore a Configuration on PIX 7.x](#) in order to learn more about how to backup and restore your configuration.

Refer to [Cisco Security Appliance Command Reference](#) in order to learn more about the various commands supported by the ASA.

Related Information

- [Cisco ASA 5500 Series Adaptive Security Appliances Configuration Examples and TechNotes](#)
- [Technical Support & Documentation - Cisco Systems](#)