



File System Check and Repair for PCMCIA ATA Disks

This feature introduces a File-System-Check (fsck) utility in Cisco IOS software for FAT filesystems on PCMCIA disks. The utility performs functions such as checking the boot sector and partition table, checking file and directory structure, reclaiming unused disk space, and updating the FAT file structure.

Feature Specifications for the File System Check and Repair for PCMCIA ATA Disks Feature

Feature History

Release	Modification
12.2(13)T, 12.0(22)S	This feature was introduced.

Supported Platforms

See Cisco Feature Navigator.

Determining Platform Support Through Cisco Feature Navigator

Cisco IOS software is packaged in feature sets that are supported on specific platforms. To get updated information regarding platform support for this feature, access Cisco Feature Navigator. Cisco Feature Navigator dynamically updates the list of supported platforms as new platform support is added for the feature.

Cisco Feature Navigator is a web-based tool that enables you to determine which Cisco IOS software images support a specific set of features and which features are supported in a specific Cisco IOS image. You can search by feature or release. Under the release section, you can compare releases side by side to display both the features unique to each software release and the features in common.

To access Cisco Feature Navigator, you must have an account on Cisco.com. If you have forgotten or lost your account information, send a blank e-mail to cco-locksmith@cisco.com. An automatic check will verify that your e-mail address is registered with Cisco.com. If the check is successful, account details with a new random password will be e-mailed to you. Qualified users can establish an account on Cisco.com by following the directions found at this URL:

<http://www.cisco.com/register>

Cisco Feature Navigator is updated regularly when major Cisco IOS software releases and technology releases occur. For the most current information, go to the Cisco Feature Navigator home page at the following URL:



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<http://www.cisco.com/go/fn>

Availability of Cisco IOS Software Images

Platform support for particular Cisco IOS software releases is dependent on the availability of the software images for those platforms. Software images for some platforms may be deferred, delayed, or changed without prior notice. For updated information about platform support and availability of software images for each Cisco IOS software release, refer to the online release notes or, if supported, Cisco Feature Navigator.

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Information About File System Check and Repair

Prior to the introduction of the file system check (fsck) utility, corrupt files could not be removed from ATA disks using the Cisco IOS command-line interface CLI.

Files (or file metadata) in an ATA disk can be corrupted by a variety of events, from power failures or system crashes to simple tftp copy failures. Prior to the introduction of the file system check (fsck) utility, corrupted files could not be deleted from a usable ATA disk without removing, reformatting, and reinstalling the disk.

The **fsck** privileged EXEC command allows you to conveniently recover wasted disk space directly from the CLI.

How to Use the File System Check and Repair Feature

No configuration tasks are associated with this enhancement. For usage guidelines, see the “[Command Reference](#)” section on page 3.

Additional References

None.

Technical Assistance

Description	Link
Technical Assistance Center (TAC) home page, containing 30,000 pages of searchable technical content, including links to products, technologies, solutions, technical tips, tools, and lots more. Registered Cisco.com users can log in from this page to access even more content.	http://www.cisco.com/public/support/tac/home.shtml

Command Reference

The following commands are introduced or modified in the feature or features documented in this module. For information about these commands, see the *Cisco IOS Configuration Fundamentals Command Reference* at

http://www.cisco.com/en/US/docs/ios/fundamentals/command/reference/cf_book.html. For information about all Cisco IOS commands, go to the Command Lookup Tool at <http://tools.cisco.com/Support/CLILookup> or to the *Cisco IOS Master Commands List*.

- **fsck**

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