



Show Command Output Redirection

Last Updated: May 4, 2009

This feature adds the capability to redirect output from Cisco IOS XE command-line interface (CLI) **show** commands and **more** commands to a file.

Finding Feature Information

For the latest feature information and caveats, see the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the [“Feature Information for Show Command Output Redirection” section on page 4](#).

Use Cisco Feature Navigator to find information about platform support and Cisco IOS XE software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

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Information About Show Command Output Redirection

This feature enhances the **show** commands in the Cisco IOS XE CLI to allow large amounts of data output to be written directly to a file for later reference. This file can be saved on local or remote storage devices such as Flash, a SAN Disk, or an external memory device.



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For each **show** command issued, a new file can be created, or the output can be appended to an existing file. Command output can optionally be displayed on-screen while being redirected to a file by using the **tee** keyword. Redirection is available using a pipe (|) character after any **show** command, combined with the **redirect**, **append**, or **tee** keywords.

These extensions can also be added to **more** commands.

Configuration Examples for Show Command Output Redirection

This section provides the following configuration examples:

- [Redirecting a show interface output to a device attached to a USB port: Example, page 2](#)

Redirecting a show interface output to a device attached to a USB port: Example

This task will show how to redirect a **show platform software configuration access policy** output to a device attached to a *templ.txt* file in the bootflash of an ASR1000 series router.

```
router#show platform software configuration access policy | redirect bootflash:templ.txt
```

```
router#more bootflash:templ.txt  
The current access-policies
```

```
Method : telnet  
Rule : wait  
Shell banner:  
Wait banner :
```

```
Method : ssh  
Rule : wait  
Shell banner:  
Wait banner :
```

```
Method : console  
Rule : wait with interrupt  
Shell banner:  
Wait banner :
```

```
===
```

Additional References

No standards, MIBs, or RFCs are applicable to this feature.

Technical Assistance

Description	Link
The Cisco Support website provides extensive online resources, including documentation and tools for troubleshooting and resolving technical issues with Cisco products and technologies. To receive security and technical information about your products, you can subscribe to various services, such as the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and Really Simple Syndication (RSS) Feeds. Access to most tools on the Cisco Support website requires a Cisco.com user ID and password.	http://www.cisco.com/techsupport

Feature Information for Show Command Output Redirection

Table 1 lists the features in this module and provides links to specific configuration information.

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which Cisco IOS XE software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.



Note

Table 1 lists only the Cisco IOS XE software release that introduced support for a given feature in a given Cisco IOS XE software release train. Unless noted otherwise, subsequent releases of that Cisco IOS XE software release train also support that feature.

Table 1 Feature Information for Show Command Output Redirection

Feature Name	Releases	Feature Information
Show Command Output Redirection	Cisco IOS XE Release 2.1	This feature was introduced.

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