



# Show Command Output Redirection

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

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## Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see [Bug Search Tool](#) and 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 table at the end of this module.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to [www.cisco.com/go/cfn](http://www.cisco.com/go/cfn). An account on Cisco.com is not required.

## 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.

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.



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# Configuration Examples for Show Command Output Redirection

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## Redirecting a showinterface 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.	<a href="http://www.cisco.com/techsupport">http://www.cisco.com/techsupport</a>
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.	

## Feature Information for Show Command Output Redirection

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

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**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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