

# 如何从一个设备复制系统镜像到另一个

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## [Introduction](#)

本文档说明了如何在同一个路由器内以及不同路由器之间将系统镜像从一个设备复制到另一个设备。

## [Prerequisites](#)

### [Requirements](#)

There are no specific requirements for this document.

### [Components Used](#)

This document is not restricted to specific software and hardware versions. 为本文的目的使用的平台是思科2500系列路由器和Cisco 3600系列路由器。

### [Conventions](#)

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

## [复制从设备到设备在同一路由器里面](#)

复制的系统镜像表下面的提供options命令从一个设备到另一个(方法根据另外平台变化)：

### [命令汇总](#)

表下面的列表您能从TFTP server复制镜像的多种位置。这些选项根据另外平台变化。请参见[使用URL前缀](#)欲知更多信息和为了得知更多这些选项中的每一个。





```

Router2#copy tftp flash
***** NOTICE *****
Flash load helper v1.0
This process will accept the copy options and then terminate
the current system image to use the ROM based image for the copy.
Routing functionality will not be available during that time.
If you are logged in via telnet, this connection will terminate.
Users with console access can see the results of the copy operation.
-----
Proceed? [confirm]
Address or name of remote host []? 10.10.10.1
!--- Enter the IP address of the TFTP Server Source filename []? /c2500-js-1.122-10b

!--- This is the filename of the Cisco IOS image !--- that you want to copy from the TFTP
server Destination filename [c2500-js-1.122-10b]? !--- Press 'Enter' Accessing
tftp://10.10.10.1//c2500-js-1.122-10b... Erase flash: before copying? [confirm] 18:37:54:
%SYS-5-RELOAD: Reload requested !--- The reload is platform-specific and is only for the !-
-- Run-from-flash systems.* ** System going down for Flash upgrade ** %SYS-4-CONFIG_NEWER:
Configurations from version 12.2 may not be correctly understood. %FLH: /c2500-js-1.122-10b
from 10.10.10.1 to flash ... System flash directory: File Length Name/status 1 15694836
/c2500-js-1.122-10b [15694900 bytes used, 1082316 available, 16777216 total] Accessing file
'/c2500-js-1.122-10b' on 10.10.10.1... Loading /c2500-js-1.122-10b from 10.10.10.1 (via
Ethernet0): ! [OK] Erasing device... eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee
eeeeeeeeeeeeeeeeee ...erased Loading /c2500-js-1.122-10b from 10.10.10.1 (via Ethernet0):
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! [OK -
15694836/16777216 bytes] Verifying checksum... OK (0x58D2) !--- System Image file has been
successfully copied Flash copy took 0:07:37 [hh:mm:ss] %FLH: Re-booting system after
download F3: 14732748+962056+889336 at 0x3000060 Restricted Rights Legend Use, duplication,
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of the Commercial Computer Software - Restricted Rights clause at FAR sec. 52.227-19 and
subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at
DFARS sec. 252.227-7013. cisco Systems, Inc. 170 West Tasman Drive San Jose, California
95134-1706 Cisco Internetwork Operating System Software IOS (tm) 2500 Software (C2500-JS-
L), Version 12.2(10b), RELEASE SOFTWARE (fc1) Copyright (c) 1986-2002 by cisco Systems,
Inc. ....

```

## 5. 验证新的系统镜像的闪存在Router2。

```

Router2#show flash
System flash directory:
File Length Name/status
1 15694836 /c2500-js-1.122-10b
!--- Cisco IOS image file has been copied [15694900 bytes used, 1082316 available, 16777216
total] 16384K bytes of processor board System flash (Read ONLY)

```

\*The从闪存上运行系统的仅路由器重新加载。欲了解更详细的信息，请参阅[复制对闪存关于从闪存上运行系统](#)

Note: [通过使用TFTP](#)，为了从一个设备复制Startup-config文件到另一个，请参见[复制的配置文件的](#)。

## [Related Information](#)

- [配置一个路由器作为TFTP server](#)
- [移动文件和镜像在路由器和TFTP server之间通过SNMP](#)
- [装载和维护系统镜像](#)
- [Technical Support & Documentation - Cisco Systems](#)