

ROMmon Recovery for the AS5200 Series Router

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Introduction

This page describes how to recover an AS5200 Series Router stuck in ROMmon (rommon # > prompt).

Before You Begin

Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

Prerequisites

There are no specific prerequisites for this document.

Components Used

The information in this document is based on the hardware version below.

- Cisco AS5200 Series Router

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.

Look for a Valid Image in Flash:

Follow the instructions provided below:

1. Issue the **dev** command to see which devices and Flash files are available on your router:

```
rommon 1 > dev
Devices in device table:
      id  name
flash:  flash
bootflash:  boot flash
eprom:  eprom
```

2. Issue the **dir flash:** command and look for a valid Cisco IOS® software image:

```
rommon 2 > dir flash:
      File size           Checksum   File name
```

7452688 bytes (0x71b810) 0x1f76 c5200-is-l.120-11.bin

3. Try to boot from that image.

- ◆ If the file is valid, this brings you back to normal operation mode.

```
rommon 3 > boot flash:c5200-is-l.120-11.bin
program load complete, entry point: 0x22000060, size: 0x71b7f0
...
```

- ◆ If none of the files are valid, you need to download a new one using one of the following procedures:

- ◇ Download using the Boot Image and a Trivial File Transfer Protocol (TFTP) Server

See [How to Upgrade from ROMmon Using the Boot Image](#) for the detailed instructions.

- ◇ Download Using Xmodem from ROMmon

You can also download a new Cisco IOS software image directly from the ROM monitor (ROMmon) through the console port, using Xmodem.

See [Xmodem Console Download Procedure Using ROMmon](#) for the step-by-step procedure.

Related Information

- [Software Installation and Upgrade Procedure for the AS5200](#)
- [Technical Support – Cisco Systems](#)

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