

# Password Recovery Procedure for the Cisco 7000 Series Routers

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## Introduction

This document describes the password recovery procedure for the Cisco 7000 Series Routers.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document is based on the Cisco 7000 Series Routers.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

### Related Products

Refer to Password Recovery Procedures for information on how to recover passwords for related products.

### Conventions

Refer to Cisco Technical Tips Conventions for information on document conventions.

## Step-by-Step Procedure

Follow these steps in order to recover your password:

1. Use the **show version** command in order to determine if the processor in your router is a Route Processor (RP) or a Route Switch Processor (RSP) 7000.
2. Refer to one of these documents:

- ◆ If the processor is an RP, refer to the Password Recovery Procedure for the Cisco 2000, 2500, 3000, 4000, AccessPro, 7000 (RP), AGS, IGS, and STS-10x document.
- ◆ If the processor is an RSP7000, refer to the Password Recovery Procedure for the Cisco 7000 Series Route Switch Processor document.

## Sample Output of a show version Command on a 7000 With an RP Module

```
Router#show version

Cisco Internetwork Operating System Software
IOS (tm) 7000 Software (C7000-JS-M), Version 11.2(21), RELEASE SOFTWARE (fc1)
Copyright (c) 1986-1999 by cisco Systems, Inc.
Compiled Wed 15-Dec-99 23:44 by ccai
Image text-base: 0x00001000, data-base: 0x008F86E8

ROM: System Bootstrap, Version 11.2(3), SOFTWARE
ROM: 7000 Software (C7000-AJSV-M), Version 11.2(3), RELEASE SOFTWARE (fc2)

Router uptime is 1 hour, 38 minutes
System restarted by power-on at 15:19:36 MEST Tue Apr 25 2000
System image file is "c7000-js-mz_112-21.bin", booted via tftp from 172.17.240.250

cisco RP1 (68040) processor (revision C0) with 65536K bytes of memory.
Processor board ID 0025A50A
G.703/E1 software, Version 1.0.
SuperLAT software copyright 1990 by Meridian Technology Corp).
Bridging software.
X.25 software, Version 2.0, NET2, BFE and GOSIP compliant.
TN3270 Emulation software.

1 Switch Processor
1 EIP controller (6 Ethernet).
1 TRIP controller (4 Token Ring).
1 AIP controller (1 ATM).
6 Ethernet/IEEE 802.3 interface(s)
4 Token Ring/IEEE 802.5 interface(s)
1 ATM network interface(s)
128K bytes of non-volatile configuration memory.
```

4096K bytes of flash memory sized on embedded flash.

Configuration register is 0x2102

## Sample Output of a show version Command on a 7000 With an RSP7000 Module

Router#**show version**

```
Cisco Internetwork Operating System Software
IOS (tm) RSP Software (RSP-JSV-M), Version 12.2(6),
  RELEASE SOFTWARE (fc2)Copyright (c) 1986-2001 by cisco Systems, Inc.
  Compiled Thu 08-Nov-01 02:22 by pwadeImage text-base: 0x600109C8,
  data-base: 0x619D2000

ROM: System Bootstrap, Version 5.3(9) [mkamson 9], RELEASE SOFTWARE (fc2)

BOOTFLASH: RSP Software (RSP-BOOT-M), Version 12.0(3), RELEASE SOFTWARE
(fc1)Version 12.0(6.4)T,  MAINTENANCE INTERIM SOFTWARE

Router uptime is 5 days, 10 minutes
System returned to ROM by power-onSystem image file is "slot0:rsp-jsv-mz.122-6"

cisco RSP7000 (R4600) processor with 65536K/2072K bytes of memory.
  R4600 CPU at 100Mhz, Implementation 32, Rev 2.0

Last reset from power-on

G.703/E1 software, Version 1.0.

G.703/JT2 software, Version 1.0.

X.25 software, Version 3.0.0.

SuperLAT software (copyright 1990 by Meridian Technology Corp).

Bridging software.

1 EIP controller (4 Ethernet).

1 FSIP controller (8 Serial).

1 FEIP2 controller (1 FastEthernet).1 VIP2 R5K controller (1 POS).6
  Ethernet/IEEE 802.3 interface(s)1 FastEthernet/IEEE 802.3 interface(s)8
  Serial network interface(s)1 Packet over SONET network interface(s)

125K bytes of non-volatile configuration memory.

16384K 20480K bytes of Flash PCMCIA card at slot 0 (Sector size 128K).

8192K bytes of Flash internal SIMM (Sector size 256K).

Configuration register is 0x2102
```

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## Related Information

- **Password Recovery Procedures**
- **Password Recovery Procedure for the Cisco 2000, 2500, 3000, 4000, AccessPro, 7000 (RP), AGS, IGS, and STS-10x**
- **Password Recovery Procedure for the Cisco 7000 Series Route Switch Processor**

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