Password Recovery Procedure for the Cisco 7000 Series Routers

Document ID: 12728

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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Network Infrastructure: LAN Routing and Switching
Network Infrastructure: WAN Routing and Switching

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**
- **Technical Support − Cisco Systems**

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