

12.2(17)SX 이전 버전의 Cisco IOS Software를 실행하는 Supervisor 720이 포함된 Catalyst 6500의 비밀번호 복구 절차

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소개

이 문서에서는 12.2(17)SX 이전 버전의 Cisco IOS® System 소프트웨어를 실행하는 Supervisor 720을 사용하여 Catalyst 6500 Series 스위치에서 비밀번호를 복구하는 방법에 대해 설명합니다.

12.2(17)SX 이전 Cisco IOS Software 릴리스의 절차가 다른 이유는 Cisco 버그 ID [CSCec36997](#)([등](#) [특된](#) 고객만 해당)입니다(sup720 기본 버전의 비밀번호 복구는 SP(스위치 프로세서)에서 충돌이 발생할 수 있음). 스위치가 이 버그의 적용을 받는 경우 RP ROMMON에 침입하여 컨피그레이션 레지스터를 0x2142로 변경한 후 약 10초가 걸립니다. 10초 후에 스위치가 소프트웨어 강제 다시 로드로 다시 로드됩니다. 그러나 컨피그레이션 레지스터를 충돌 전에 이 값으로 변경하면 다시 로드 후 적용되며 나머지 절차를 계속 진행할 수 있습니다.

[사전 요구 사항](#)

[요구 사항](#)

이 문서에 대한 특정 요건이 없습니다.

[사용되는 구성 요소](#)

이 문서는 12.2(17)SX 이전에 Cisco IOS 소프트웨어 릴리스를 실행하는 Supervisor 720 기반 시스템에 적용됩니다. 슈퍼바이저 720에서 Cisco IOS Software Release 12.2(17)SX 이상을 실행하는 경우 [Cisco IOS System Software를 실행하는 Catalyst 600/6500 Series Switches의 비밀번호 복구 절차를](#) 참조하십시오.

개요

Cisco IOS를 실행하는 Catalyst 6500/6000에서는 하드웨어가 다르기 때문에 Cisco 7200 Series 라우터에서 Cisco IOS를 실행합니다. 상자의 전원을 껐다가 켜면 SP가 부팅됩니다. 약 25-60초 후에 콘솔 소유권을 MSFC(Route Processor)로 전송합니다. RP는 계속 번들 소프트웨어 이미지를 로드합니다. SP가 RP에 대한 콘솔 제어 권한을 부여한 직후 **Ctrl-Break**를 눌러야 합니다. 브레이크 시퀀스를 너무 빨리 전송하면 SP의 ROMMON이 됩니다. 이 SP는 이 위치에 있지 않습니다. 콘솔에 이 메시지가 표시되면 브레이크 시퀀스를 보냅니다.

```
00:00:03: %OIR-6-CONSOLE: Changing console ownership to route processor
```

이 시점 이후에는 비밀번호 복구가 일반 라우터와 동일합니다.

참고: 이 시점부터 Cisco IOS 소프트웨어를 실행하는 Catalyst 6500 Series 스위치를 라우터라고 합니다.

표기 규칙

문서 규칙에 대한 자세한 내용은 [Cisco 기술 팁 표기 규칙](#)을 참조하십시오.

단계별 절차

Cisco IOS 운영 체제가 스위치에서 실행되므로 스위치는 라우터처럼 구성됩니다. 비밀번호 복구 절차는 Cisco 7200 Series 라우터와 동일한 단계를 따릅니다. 단, 브레이크 시퀀스를 시작하기 전에 25-60초 정도 더 기다려야 합니다.

1. 터미널 에뮬레이션이 있는 터미널 또는 PC를 라우터의 콘솔 포트에 연결합니다. 다음 터미널 설정 사용:
9600 baud rate
No parity
8 data bits
1 stop bit
No flow control
필요한 콘솔 케이블 사양은 [Cable Specifications](#) 문서에 설명되어 있습니다. 콘솔 포트에 연결하는 방법에 대한 지침은 [모듈 설치 가이드](#)에 나와 있습니다. 콘솔 [포트에 연결 - Supervisor Engine 전용](#) 섹션에서는 유용한 정보를 제공합니다.
2. 라우터에 계속 액세스할 수 있는 경우 **show version** 명령을 실행하고 컨피그레이션 레지스터의 설정을 기록합니다. 일반적으로 0x2102 또는 0x102입니다. **show version** 명령의 샘플 출력을 보려면 [여기](#)를 클릭하십시오.
3. 라우터에 대한 액세스 권한이 없는 경우(로그인 또는 TACACS 비밀번호 분실) 컨피그레이션 레지스터가 0x2102로 설정된 것으로 가정해도 좋습니다.
4. 전원 스위치의 도움을 받아 라우터의 전원을 끄고 전원을 켜십시오.
5. RP가 콘솔 포트의 제어를 얻은 직후 터미널 키보드에서 Break를 누릅니다. Cisco IOS를 실행하는 Catalyst 6500에서 SP가 먼저 부팅됩니다. 그런 다음 RP로 제어를 전환합니다. RP가 제어를 얻은 후 브레이크 시퀀스를 시작합니다. 이 메시지가 표시되면 RP에서 콘솔 포트를 제어할 수 있습니다.(이 메시지가 표시될 때까지 브레이크 시퀀스를 시작하지 마십시오.)

```
00:00:03: %OIR-6-CONSOLE: Changing console ownership to route processor
```

Cisco 버그 ID [CSCec36997](#)([등록된](#) 고객만 해당)(sup720 네이티브 리드가 SP에서 크래시 발생함)로 인해 스위치가 충돌하기 전에 6단계를 완료하는 데 약 10초가 소요됩니다. 브레이크 시퀀스가 작동하지 않을 경우 다른 키 조합은 [비밀번호 복구 중 표준 브레이크 키 시퀀스 조합](#)

을 참조하십시오.

6. rommon 1> 프롬프트에 confreg 0x2142 입력하여 컨피그레이션을 로드하지 않고 Flash에서 부팅합니다.

7. 스위치가 소프트웨어 Forced Crash와 충돌합니다.

```
rommon 1 >
00:00:41: %SYS-SP-3-LOGGER_FLUSHED: System was paused for 00:00:00 to ensure co.
00:00:41: %SYS-SP-2-INTSCHED: 't_idle' at level 7
-Process= "SCP Download Process", ipl= 7, pid= 57
-Traceback= 4013991C 401232B4 402827F4 40282994 40283010 405CB010 402A9858 4013C
00:00:41: %SYS-SP-2-INTSCHED: 't_idle' at level 7
-Process= "SCP Download Process", ipl= 7, pid= 57
-Traceback= 4013991C 401232B4 402827F4 40282994 40283010 405CB010 402A9858 4013C
00:00:41: %SYS-SP-2-INTSCHED: 't_idle' at level 7
-Process= "SCP Download Process", ipl= 7, pid= 57
-Traceback= 4013991C 401232B4 402827F4 40282994 40283010 405CB010 402A9858 4013C
00:00:41: %OIR-SP-6-CONSOLE: Changing console ownership to switch processor
```

```
*** System received a Software forced crash ***
signal= 0x17, code= 0x24, context= 0x4269f6f4
PC = 0x401370d8, Cause = 0x3020, Status Reg = 0x34008002
```

라우터가 재부팅됩니다. 그러나 컨피그레이션 레지스터가 0x2142로 설정되었기 때문에 저장된 컨피그레이션은 무시됩니다. 라우터 컨피그레이션이 여전히 존재하는 경우(여전히 이전 호스트 이름) 충돌 전에 컨피그레이션 레지스터가 0x2142로 변경되지 않았음을 나타냅니다. 이 경우 다시 시작합니다(4단계). 컨피그레이션 레지스터가 0x2142로 올바르게 변경된 경우 다시 로드 후 초기 컨피그레이션 질문을 받게 됩니다.

8. 각 설정 질문 후 no를 입력하거나 Ctrl-C를 눌러 초기 설정 절차를 건너뜁니다.

9. Router > 프롬프트 enable 입력합니다. 사용 모드에 있습니다. Router # 프롬프트가 표시됩니다.

10. Nonvolatile RAM(NVRAM)을 메모리에 복사하려면 configure memory 또는 copy start running 명령을 실행하는 것이 중요합니다. configure terminal 명령을 실행하지 마십시오.

11. write terminal 또는 show running 명령을 실행합니다. 이 명령은 라우터의 컨피그레이션을 보여줍니다. 이 컨피그레이션에서는 모든 인터페이스 아래에 shutdown 명령이 표시됩니다. 이는 모든 인터페이스가 현재 종료되었음을 의미합니다. 비밀번호는 암호화되거나 암호화되지 않은 형식으로 표시됩니다.

12. configure terminal 명령을 실행하여 전역 컨피그레이션 모드를 시작하고 변경합니다. 이제 프롬프트가 hostname(config)#.

13. enable 비밀번호를 변경하려면 전역 컨피그레이션 모드에서 enable secret< password >를 실행합니다.

14. config-register 0x2102 명령 또는 2단계에서 글로벌 컨피그레이션 모드(Router(config)#)에서 기록한 값을 실행하여 컨피그레이션 값을 원래 값으로 다시 설정합니다.

15. 가상 터미널 암호가 있는 경우 다음을 변경합니다.

```
Router(config)#line vty 0 4
Router(config-line)#password cisco
Router(config-line)#^Z
Router#
```

16. 일반적으로 사용 중인 모든 인터페이스에서 no shutdown 명령을 실행합니다. 인터페이스 목록 및 현재 상태를 보려면 show ip interface brief 명령을 실행합니다. show ip interface brief 명령을 실행하려면 enable 모드(Router#)여야 합니다. 다음은 하나의 인터페이스에 대한 예입니다.

```
Router#show ip interface brief
Interface                IP-Address      OK? Method Status      Prol
Vlan1                    172.17.10.10   YES TFTP    administratively down dow
Vlan10                   10.1.1.1       YES TFTP    administratively down dow
GigabitEthernet1/1      unassigned     YES unset   administratively down dow
GigabitEthernet1/2      unassigned     YES TFTP    administratively down dow
```

```
GigabitEthernet2/1      unassigned      YES TFTP      administratively down dow
GigabitEthernet2/2      unassigned      YES TFTP      administratively down dow
FastEthernet3/1         172.16.84.110  YES TFTP      administratively down dow
<snip>...
```

```
Router#configure terminal
```

```
Enter configuration commands, one per line.  End with CNTL/Z.
```

```
Router(config)#interface fastEthernet 3/1
```

```
Router(config-if)#no shutdown
```

```
Router(config-if)#exit
```

```
Router(config)# <do other interfaces as necessary...>
```

17. Ctrl-Z를 눌러 컨피그레이션 모드를 종료합니다.이제 프롬프트가 hostname#.

18. write memory 또는 copy running startup 명령을 실행하여 변경 사항을 커밋합니다.

샘플 출력

이 예에서는 실제 비밀번호 복구 절차를 보여줍니다.이 예는 Catalyst 6500 Series 스위치의 도움을 받아 생성됩니다.먼저 show version 및 show module 명령으로 시작하여 이 예에서 사용되는 구성 요소를 확인합니다.

Press RETURN to get started.

```
sup720>enable
```

```
Password:
```

```
sup720#
```

```
sup720#show version
```

```
Cisco Internetwork Operating System Software
```

```
IOS (tm) s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY)
```

```
TAC Support: http://www.cisco.com/tac
```

```
Copyright (c) 1986-2003 by cisco Systems, Inc.
```

```
Compiled Tue 27-May-03 20:40 by ccai
```

```
Image text-base: 0x40008C10, data-base: 0x41ACE000
```

```
ROM: System Bootstrap, Version 12.2(14r)S9, RELEASE SOFTWARE (fc1)
```

```
BOOTLDR: s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY)
```

```
sup720 uptime is 18 minutes
```

```
Time since sup720 switched to active is 17 minutes
```

```
System returned to ROM by power-on (SP by reload)
```

```
System image file is "disk0:s72033-ps-mz.122-14.SX1.bin"
```

```
cisco Catalyst 6000 (R7000) processor with 458752K/65536K bytes of memory.
```

```
Processor board ID
```

```
SR71000 CPU at 600Mhz, Implementation 0x504, Rev 1.2, 512KB L2 Cache
```

```
Last reset from power-on
```

```
X.25 software, Version 3.0.0.
```

```
Bridging software.
```

```
3 Virtual Ethernet/IEEE 802.3 interface(s)
```

```
96 FastEthernet/IEEE 802.3 interface(s)
```

```
58 Gigabit Ethernet/IEEE 802.3 interface(s)
```

```
1917K bytes of non-volatile configuration memory.
```

```
8192K bytes of packet buffer memory.
```

```
65536K bytes of Flash internal SIMM (Sector size 512K).
```

```
Configuration register is 0x2102
```

```
sup720#
```

```
sup720#show module
```

```
Mod Ports Card Type
```

```
Model
```

```
Serial No.
```

```
-----
```

1	16	16 port GE RJ45	WS-X6316-GE-TX	SAD04100A9R
2	48	48 port 10/100 mb RJ-45 ethernet	WS-X6248-RJ-45	SAD041402P9
4	16	SFM-capable 16 port 1000mb GBIC	WS-X6516A-GBIC	SAL0705CD7X
5	2	Supervisor Engine 720 (Active)	WS-SUP720-BASE	SAD070600MU
7	24	aCEF720 24 port 1000mb SFP	WS-X6724-SFP	SAD0725035Y
9	48	48-port 10/100 mb RJ45	WS-X6148-RJ45V	SAL06282HGE

Mod	MAC addresses	Hw	Fw	Sw	Status
1	00d0.9738.702a to 00d0.9738.7039	0.202	5.3(1)	7.7(0.74)APP	Ok
2	0001.9709.5c90 to 0001.9709.5cbf	1.2	5.1(1)CSX	7.7(0.74)APP	Ok
4	0009.11f6.aa28 to 0009.11f6.aa37	1.0	7.2(1)	7.7(0.74)APP	Ok
5	000c.3042.844c to 000c.3042.844f	1.0	7.7(1)	12.2(14)SX1	Ok
7	0030.f272.2666 to 0030.f272.267d	1.0	12.2(14r)S5	12.2(14)SX1	PwrDown
9	0009.127c.8d40 to 0009.127c.8d6f	1.0	5.4(2)	7.7(0.74)APP	Ok

Mod	Sub-Module	Model	Serial	Hw	Status
5	Policy Feature Card 3	WS-F6K-PFC3A	SAD070601DR	1.0	Ok
5	MSFC3 Daughterboard	WS-SUP720	SAD070500YF	1.0	Ok
7	unknown FRU type (major = 0	WS-F6700-CFC	SAD073201KC	1.0	PwrDown
9	Inline Power Module	WS-F6K-PWR		1.0	Ok

Mod Online Diag Status

```

--- -----
1 Pass
2 Pass
4 Pass
5 Pass
7 Unknown
9 Pass

```

sup720#

sup720#

sup720#**reload**

Proceed with reload? [confirm]

```

!--- Here you turn off the power and then turn it back on. !--- Here it is done with a reload
instead of a hard power-cycle. *Sep 29 04:21:13: %SYS-5-RELOAD: Reload requested by console.
*Sep 29 04:21:16: %OIR-SP-6-CONSOLE: Changing console ownership to switch procer *Sep 29
04:21:18: %SYS-SP-5-RELOAD: Reload requested *Sep 29 04:21:18: %OIR-SP-6-CONSOLE: Changing
console ownership to switch procer *** --- SHUTDOWN NOW --- *** !--- First, the switch
processor comes up. System Bootstrap, Version 7.7(1) Copyright (c) 1994-2003 by cisco Systems,
Inc. Cat6k-Sup720/SP processor with 524288 Kbytes of main memory Autoboot executing command:
"boot disk0:s72033-ps-mz.122-14.SX1.bin" Self decompressing the image :
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(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) s72033_sp Software (s72033_sp-SP-M), Version
12.2(14)SX1, EARLY DEPLOY) TAC Support: http://www.cisco.com/tac Copyright (c) 1986-2003 by
cisco Systems, Inc. Compiled Tue 27-May-03 20:48 by ccai Image text-base: 0x40020C10, data-base:
0x40B98000 00:00:03: %PFREDUN-6-ACTIVE: Initializing as ACTIVE processor
00:00:03: %OIR-6-CONSOLE: Changing console ownership to route processor

```

```

!--- The RP now has control of the console. !--- This is when you send the break sequence.
System Bootstrap, Version 12.2(14r)S9, RELEASE SOFTWARE (fcl) TAC Support:
http://www.cisco.com/tac Copyright (c) 2003 by cisco Systems, Inc. Cat6k-Sup720/RP platform with
524288 Kbytes of main memory Download Start *** Mistral Interrupt on line 4 *** System memory 1
bit ECC correctable error interrupt .. PC = 0x8000841c, SP = 0x80007f00, RA = 0x80008488 Cause
Reg = 0x00004400, Status Reg = 0x3041c003 rommon 1 > !--- You are now in ROMMON mode on the RP.
Continue the password !--- recovery procedure just as on any router. Changing the configuration
!--- register from 0x2102 to 0x2142 causes the router to ignore the existing !--- configuration.
It needs to be ignored because it has passwords that are not !--- known. Due to Cisco bug ID

```

CSCec36997 : Password recovery on sup720-native leads to crash !--- on SP. You have about 10 seconds to change the configuration register to 0x2142. !--- After these 10 seconds, the SP crashes. If the config register is not changed !--- in time, start again. rommon 1 > **confreg 0x2142**

You must reset or power cycle for new config to take effect.

rommon 2 >

!--- Without any intervention, the switch crashes in about 10 seconds !--- after you break into RP ROMMON. 00:00:31: %SYS-SP-3-LOGGER_FLUSHED: System was paused for 00:00:00 to ensure co. 00:00:31: %SYS-SP-2-INTSCHED: 't_idle' at level 7 -Process= "SCP Download Process", ipl= 7, pid= 57 -Traceback= 4013991C 401232B4 402827F4 40282994 40283010 405CB010 402A9858 4013C 00:00:31: %SYS-SP-2-INTSCHED: 't_idle' at level 7 -Process= "SCP Download Process", ipl= 7, pid= 57 -Traceback= 4013991C 401232B4 402827F4 40282994 40283010 405CB010 402A9858 4013C 00:00:31: %SYS-SP-2-INTSCHED: 't_idle' at level 7 -Process= "SCP Download Process", ipl= 7, pid= 57 -Traceback= 4013991C 401232B4 402827F4 40282994 40283010 405CB010 402A9858 4013C 00:00:31: %OIR-SP-6-CONSOLE: Changing console ownership to switch processor *** System received a Software forced crash *** signal= 0x17, code= 0x24, context= 0x4269f6f4 PC = 0x401370d8, Cause = 0x3020, Status Reg = 0x34008002 System Bootstrap, Version 7.7(1) Copyright (c) 1994-2003 by cisco Systems, Inc. Cat6k-Sup720/SP processor with 524288 Kbytes of main memory Autoboot executing command: "boot disk0:s72033-ps-mz.122-14.SX1.bin" Self decompressing the image :
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#####] Restricted Rights Legend Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c) 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) s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY) TAC Support: http://www.cisco.com/tac Copyright (c) 1986-2003 by cisco Systems, Inc. Compiled Tue 27-May-03 20:40 by ccai Image text-base: 0x40008C10, data-base: 0x41ACE000 cisco Catalyst 6000 (R7000) processor with 458752K/65536K bytes of memory. Processor board ID SR71000 CPU at 600Mhz, Implementation 0x504, Rev 1.2, 512KB L2 Cache Last reset from power-on X.25 software, Version 3.0.0. Bridging software. 1 Virtual Ethernet/IEEE 802.3 interface(s) 96 FastEthernet/IEEE 802.3 interface(s) 58 Gigabit Ethernet/IEEE 802.3 interface(s) 1917K bytes of non-volatile configuration memory. 8192K bytes of packet buffer memory. 65536K bytes of Flash internal SIMM (Sector size 512K). --- System Configuration Dialog --- Would you like to enter the initial configuration dialog? [yes/no]: n *!--- The router ignores the saved configuration and enters !--- the initial configuration mode.* Press RETURN to get started! 00:00:03: %SYS-3-LOGGER_FLUSHED: System was paused for 00:00:00 to ensure conso. 00:00:46: curr is 0x10000 00:00:46: RP: Currently running ROMMON from F1 region 00:01:00: %SYS-5-RESTART: System restarted -- Cisco Internetwork Operating System Software IOS (tm) s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY) TAC Support: http://www.cisco.com/tac Copyright (c) 1986-2003 by cisco Systems, Inc. Compiled Tue 27-May-03 20:40 by ccai 00:01:00: %SNMP-5-COLDSTART: SNMP agent on host Router is undergoing a cold stat 00:01:00: %SYS-6 Router>-BOOTTIME: Time taken to reboot after reload = 1807 seconds Firmware compiled 19-May-03 10:54 by integ Build [100] 00:00:54: %SPANTREE-SP-5-EXTENDED_SYSID: Extended SysId enabled for type vlan 00:00:54: SP: SP: Currently running ROMMON from F1 region 00:01:00: %SYS-SP-5-RESTART: System restarted -- Cisco Internetwork Operating System Software IOS (tm) s72033_sp Software (s72033_sp-SP-M), Version 12.2(14)SX1, EARLY DEPLOY) TAC Support: http://www.cisco.com/tac Copyright (c) 1986-2003 by cisco Systems, Inc. Compiled Tue 27-May-03 20:48 by ccai 00:01:01:

```
%OIR-SP-6-INSPS: Power supply inserted in slot 1 00:01:01: %C6KPWR-SP-4-PSOK: power supply 1
turned on. 00:01:01: %OIR-SP-6-INSPS: Power supply inserted in slot 2 00:01:01: %C6KPWR-SP-4-
PSOK: power supply 2 turned on. 00:01:01: %C6KPWR-SP-4-PSREDUNDANTBOTHSUPPLY: in power-
redundancy mode, system . 00:01:05: %FABRIC-SP-5-FABRIC_MODULE_ACTIVE: the switching fabric
module in sloe 00:01:06: %DIAG-SP-6-RUN_MINIMUM: Module 5: Running Minimum Diagnostics...
Router> Router> 00:01:18: %DIAG-SP-6-DIAG_OK: Module 5: Passed Online Diagnostics 00:01:18:
%OIR-SP-6-INSCARD: Card inserted in slot 5, interfaces are now online 00:01:21: %DIAG-SP-6-
RUN_MINIMUM: Module 4: Running Minimum Diagnostics... Router> Router> Router> 00:01:36: %DIAG-
SP-6-RUN_MINIMUM: Module 9: Running Minimum Diagnostics... Router> Router> 00:01:42: %DIAG-SP-6-
RUN_MINIMUM: Module 1: Running Minimum Diagnostics... 00:01:44: %DIAG-SP-6-DIAG_OK: Module 4:
Passed Online Diagnostics 00:01:45: %OIR-SP-6-INSCARD: Card inserted in slot 4, interfaces are
now online 00:01:54: %DIAG-SP-6-DIAG_OK: Module 9: Passed Online Diagnostics 00:01:54: %OIR-SP-
6-INSCARD: Card inserted in slot 9, interfaces are now online 00:01:57: %DIAG-SP-6-DIAG_OK:
Module 1: Passed Online Diagnostics 00:01:57: %OIR-SP-6-INSCARD: Card inserted in slot 1,
interfaces are now online 00:02:06: %DIAG-SP-6-RUN_MINIMUM: Module 2: Running Minimum
Diagnostics... 00:02:15: %DIAG-SP-6-DIAG_OK: Module 2: Passed Online Diagnostics 00:02:15: %OIR-
SP-6-INSCARD: Card inserted in slot 2, interfaces are now online Router> Router>enable
Router#
```

```
!--- You go right into privilege mode without needing a password. !--- At this point, the
configuration running-config is a default configuration !--- with all the ports administratively
down (shutdown). Router#copy startup-config running-config
Destination filename [running-config]? <press enter>
```

```
!--- This pulls in your original configuration. Since you are already in privilege !--- mode,
the passwords in this configuration (that are not known) do not affect you. 4864 bytes copied in
2.48 secs (2432 bytes/sec) sup720# sup720#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
sup720(config)#enable secret < password > [Choose a strong password with at least one capital
letter, one number, and one special character.]
```

```
!--- Overwrite the password that you do not know. This is your new enable password. sup720#show
ip interface brief
```

Interface	IP-Address	OK?	Method	Status	Prol
Vlan1	10.48.72.142	YES	TFTP	administratively down	down
Vlan500	10.1.1.1	YES	TFTP	administratively down	down
Vlan501	10.2.2.1	YES	TFTP	administratively down	down
GigabitEthernet1/1	unassigned	YES	TFTP	administratively down	down
GigabitEthernet1/2	unassigned	YES	TFTP	administratively down	down
GigabitEthernet1/3	unassigned	YES	TFTP	administratively down	down
GigabitEthernet1/4	unassigned	YES	TFTP	administratively down	down
GigabitEthernet1/5	unassigned	YES	TFTP	administratively down	down
GigabitEthernet1/6	unassigned	YES	TFTP	administratively down	down
GigabitEthernet1/7	unassigned	YES	TFTP	administratively down	down

<snip>...

```
!--- Issue the no shut command on all interfaces that you want to bring up.
```

```
sup720#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
sup720(config)#interface gig 1/1
sup720(config-if)#no shut
sup720(config-if)#^Z
sup720#
```

```
!--- Overwrite the virtual terminal passwords. sup720#configure terminal
sup720(config)#line vty 0 4
sup720(config-line)#password XXX
sup720(config-line)#^Z
sup720#
```

```
!--- Restore the configuration register to its normal state !--- so that it no longer ignores
the stored configuration file. sup720#show version
```

Cisco Internetwork Operating System Software
IOS (tm) s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY)
TAC Support: <http://www.cisco.com/tac>
Copyright (c) 1986-2003 by cisco Systems, Inc.
Compiled Tue 27-May-03 20:40 by ccai
Image text-base: 0x40008C10, data-base: 0x41ACE000

ROM: System Bootstrap, Version 12.2(14r)S9, RELEASE SOFTWARE (fc1)
BOOTLDR: s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY)

sup720 uptime is 4 minutes
Time since sup720 switched to active is 4 minutes
System returned to ROM by power-on (SP by error - a Software forced crash, PC 0)
System image file is "disk0:s72033-ps-mz.122-14.SX1.bin"

cisco Catalyst 6000 (R7000) processor with 458752K/65536K bytes of memory.
Processor board ID
SR71000 CPU at 600Mhz, Implementation 0x504, Rev 1.2, 512KB L2 Cache
Last reset from power-on
X.25 software, Version 3.0.0.
Bridging software.
3 Virtual Ethernet/IEEE 802.3 interface(s)
96 FastEthernet/IEEE 802.3 interface(s)
58 Gigabit Ethernet/IEEE 802.3 interface(s)
1917K bytes of non-volatile configuration memory.
8192K bytes of packet buffer memory.

65536K bytes of Flash internal SIMM (Sector size 512K).

Configuration register is 0x2142

sup720#

sup720#**configure terminal**

Enter configuration commands, one per line. End with CNTL/Z.

sup720(config)#**config-register 0x2102**

sup720(config)#

!--- Verify that the configuration register is changed for the next reload. sup720#**show version**

Cisco Internetwork Operating System Software
IOS (tm) s72033_rp Software (s72033_rp-PS-M), Version 12.2(14)SX1, EARLY DEPLOY)
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Bridging software.
3 Virtual Ethernet/IEEE 802.3 interface(s)
96 FastEthernet/IEEE 802.3 interface(s)
58 Gigabit Ethernet/IEEE 802.3 interface(s)
1917K bytes of non-volatile configuration memory.
8192K bytes of packet buffer memory.

65536K bytes of Flash internal SIMM (Sector size 512K).

Configuration register is 0x2142 (will be 0x2102 at next reload)

sup720#

sup720#**copy running-config startup-config**

Destination filename [startup-config]?

Building configuration...

[OK]

sup720#

*!--- Optional: If you want to test that the router operates properly and that you have changed the passwords, !--- reload and test. sup720#**reload***

Proceed with reload? [confirm]

관련 정보

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