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## [Introdução](#)

Este documento descreve como recuperar um perdido ou uma senha desconhecida em um interruptor do catalizador 4500/4000 com o módulo do V-10GE de um Supervisor Engine II-Plus (WS-X4013+), do Supervisor Engine li-Mais-TS (WS-X4013+TS), do Supervisor Engine II-Plus-10GE (WS-X4013+10GE), do Supervisor Engine III (WS-X4014), do Supervisor Engine IV (WS-X4515), do Supervisor Engine V (WS-X4516), do Supervisor Engine (WS-X4516-10GE), o Cisco catalyst 4948, o Cisco catalyst 4948 10GE, e os Cisco Catalyst 4900M Switch.

**Nota:** No Switches do 4500/4000 Series do catalizador, nos motores II+ do supervisor, no II+10GE, no II+TS, em III, em IV, em V, e em motores somente de Cisco IOS® do apoio do V-10GE do software e do supervisor mim e II apoio somente o Catalyst OS Software. A fim recuperar a senha nos motores do supervisor eu ou II, referem o [procedimento de recuperação de senha para o Catalyst 1200, 1400, 2901, 2902, 2926T/F, 2926GS/L, 2948G, 2980G, 4000, 5000, 5500, 6000, 6500 CatOS sendo executado](#).

## [Pré-requisitos](#)

### [Requisitos](#)

Não existem requisitos específicos para este documento.

### [Convenções](#)

Consulte as [Convenções de Dicas Técnicas da Cisco](#) para obter mais informações sobre convenções de documentos.

## [Procedimento Passo a Passo](#)

Termine estas etapas para recuperar a sua senha:

**Nota:** Certifique-se de que você tem o acesso físico ao interruptor e de que você usa o acesso de console ao módulo de Supervisor Engine quando você executar estas etapas. Para detalhes na conexão de console do interruptor, refira a [conexão de um modem à porta de Console em Catalyst Switches](#).

**Dica:** A configuração do interruptor não é perdida se o procedimento é seguido como mencionado. Como um melhor prática, Cisco recomenda que você tem uma cópia de segurança da configuração de todos os dispositivos Cisco no servidor TFTP ou em um Network Management Server.

1. Ciclo da potência o dispositivo. A fim pôr o ciclo, desligue o dispositivo, então para trás sobre. Pressione o **Ctrl-c** dentro dos segundos 5 para impedir o autoboot. Esta ação põe-no no modo de prompt do monitor de rom (ROMMON).!---

```
Here, you power cycle the switch.***** * * * Welcome to ROM Monitor for WS-X4014 System. * * Copyright (c) 1999-2000, 2001 by Cisco Systems, Inc. * * All rights reserved. * * * ***** ROM Monitor Program Version 12.1(10r)EY(1.21) Board type 1, Board revision 7 Swamp FPGA revision 16, Dagobah FPGA revision 43 Timer interrupt test passed. MAC Address : 00-02-b9-83-af-fe IP Address : 172.16.84.122 Netmask : 255.255.255.0 Gateway : 172.16.84.1 TftpServer : Not set. Main Memory : 256 MBytes ***** The system will autoboot in 5 seconds ***** Type control-C to prevent autobooting. !--- At this point, press Ctrl-C. Autoboot cancelled..... please wait!!!Autoboot cancelled..... please wait!!!rommon 1 > [interrupt] !--- The module ended in the ROMmon.rommon 1 > [interrupt]
```

2. Emita o comando **confreg** na alerta de ROMMON. Faça as seleções que aparecem aqui no **negrito** para a recuperação de senha:rommon 1 > **setrommon 1 > confreg** Configuration Summary : => load ROM after netboot fails => console baud: 9600 => autoboot from: commands specified in 'BOOT' environment variable do you wish to change the configuration? y/n [n]: **y** enable "diagnostic mode"? y/n [n]: **n** enable "use net in IP bcast address"? y/n [n]: **n** disable "load ROM after netboot fails"? y/n [n]: **n** enable "use all zero broadcast"? y/n [n]: **n** enable "break/abort has effect"? y/n [n]: **n** enable "ignore system config info"? y/n [n]: **y** change console baud rate? y/n [n]: **n** change the boot characteristics? y/n [n]: **n** Configuration Summary : => load ROM after netboot fails => ignore system config info => console baud: 9600 => autoboot from: commands specified in 'BOOT' environment variable do you wish to save this configuration? y/n [n]: **y** **You must reset or power cycle for new configuration to take effect****Nota:** Você pode igualmente usar o comando **confreg 0x2142** na alerta de ROMMON a fim ajustar o valor do registro de configuração para contornar a configuração de inicialização armazenada no NVRAM.rommon 1 >**confreg 0x2142**You must reset or power cycle for the new configuration to take effect.

3. Emita o comando **reset** de modo que as repartições do módulo. Devido às mudanças que você fez em etapa 2, o módulo recarrega mas ignora a configuração salva.rommon 2 > **reset**Resetting .....rommon 3 > \*\*\*\*\* \* \* \* Welcome to ROM Monitor for WS-X4014 System. \* \* Copyright (c) 1999-2000, 2001 by Cisco Systems, Inc. \* \* All rights reserved. \* \* \* \*\*\*\*\*!--- **Output suppressed. Press RETURN to get started! !---** Press Return.00:00:21: %SYS-5-RESTART: System restarted --Cisco Internetwork Operating System Software IOS (tm) Catalyst 4000 L3 Switch Software (cat4000-IS-M), Version 12.1(8a)EW, RELEASE SOFTWARE (fc1)TAC Support: http://www.cisco.com/tacCopyright (c) 1986-2002 by cisco Systems, Inc.Compiled Thu 24-Jan-02 17:34 by ccai00:00:21: %SNMP-5-COLDSTART: SNMP agent on host Switch is undergoing a cold startSwitch>

4. Certifique-se de que o valor do registro de configuração é 0x2142. Este valor faz a inicialização de módulo do flash sem uma carga da configuração salva. Emita o comando **enable** na alerta do interruptor ir ao modo enable. Então, emitamos o comando **show version** verificar o valor do registro de configuração.Switch> **enable**Switch#**show version**Cisco Internetwork Operating System Software IOS (TM) Catalyst 4000 L3 Switch Software (cat4000-IS-M), Version 12.1(8a)EW, RELEASE SOFTWARE (fc1)TAC Support: http://www.cisco.com/tacCopyright (c) 1986-2002 by cisco Systems, Inc.Compiled Thu 24-Jan-02 17:34 by ccaiImage text-base: 0x00000000, data-base: 0x00AA2B8CROM: 12.1(10r)EY(1.21)Switch uptime is 5 minutesSystem returned to ROM by reloadRunning default softwarecisco WS-C4006 (MPC8245) processor (revision 7) with 262144K bytes of memory.Processor board ID FOX04183666Last reset from Reload32 Gigabit Ethernet/IEEE 802.3 interface(s)467K bytes of non-volatile configuration memory.**Configuration register is**

0x2142Switch#

5. Emita o comando **configure memory** ou o comando **copy startup-config running-config** copiar o NVRAM na memória. Não emita o comando **configure terminal**, que mostra a configuração padrão no módulo. Switch#**configure memory**Uncompressed configuration from 1307 bytes to 3014 bytesSwitch#00:13:52: %SYS-5-CONFIG\_I: Configured from memory by consolec-4006-SUPIII#
6. Emita o comando **show ip interface brief** certificar-se de que as relações que eram em uma mostra mais adiantada do uso um estado do “Up Up”. Se algumas das relações que estavam no uso antes da mostra da recuperação de senha “para baixo”, emitem o comando no **shutdown** nessa relação trazer acima a relação.
7. Emita o comando **write terminal** ou o comando **show running-config** indicar a configuração salva no módulo. c-4006-SUPIII#**show running-config** Building configuration...Current configuration : 3014 bytes!version 12.1no service padservice timestamps debug uptimeservice timestamps log uptime no service password-encryption service compress-config!hostname c-4006-SUPIII!boot system flash bootflash:!vtp mode transparent!*!--- Output suppressed.*line con 0 stopbits 1line vty 0 4 login!endc-4006-SUPIII#Agora, você está pronto para alterar a senha do módulo.
8. Emita estes comandos mudar a senha: c-4006-SUPIII#**configure terminal** Enter configuration commands, one per line. End with CNTL/Z. c-4006-SUPIII(config)#**no enable secret***!--- This step is necessary if the switch had an enable !--- secret password.* c-4006-SUPIII(config)#**enable secret < password > [Choose a strong password with at least one capital letter, one number, and one special character.]***!--- This command sets the new password.*
9. Certifique-se de que você muda o valor do registro de configuração de volta a 0x2102. Termine estas etapas na alerta da configuração para mudar e verificar o valor do registro de configuração. c-4006-SUPIII(config)#**config-register 0x2102** c-4006-SUPIII(config)#**^Z** c-4006-SUPIII#00:19:01: %SYS-5-CONFIG\_I: Configured from console by consolec-4006-SUPIII#**write memory** *!--- This step saves the configuration.* Building configuration...Compressed configuration from 3061 bytes to 1365 bytes[OK] c-4006-SUPIII#**show version** *!--- This step verifies the value change.* Cisco Internetwork Operating System Software IOS (TM) Catalyst 4000 L3 Switch Software (cat4000-IS-M), Version 12.1(8a)EW, RELEASE SOFTWARE (fc1)TAC Support: http://www.cisco.com/tac Copyright (c) 1986-2002 by Cisco Systems, Inc. Compiled Thu 24-Jan-02 17:34 by ccai Image text-base: 0x00000000, database: 0x00AA2B8CROM: 12.1(10r)EY(1.21) c-4006-SUPIII uptime is 20 minutes System returned to ROM by reload Running default software cisco WS-C4006 (MPC8245) processor (revision 7) with 262144K bytes of memory. Processor board ID FOX04183666 Last reset from Reload 32 Gigabit Ethernet/IEEE 802.3 interface(s) 467K bytes of nonvolatile configuration memory. Configuration register is 0x2142 (**will be 0x2102 at next reload**) c-4006-SUPIII# Neste momento, você mudou a senha.

## [Saída de exemplo/Exemplo de procedimento](#)

Este exemplo de saída é o resultado do procedimento de recuperação de senha em um Catalyst 4000 Supervisor Engine III.

```
c-4006-SUPIII> enable Password: Password: Password: % Bad secrets !--- Here, you power cycle the switch. ***** * * * Welcome to ROM Monitor for WS-X4014 System. * * Copyright (c) 1999-2000, 2001 by Cisco Systems, Inc. * * All rights reserved. * * * ***** ROM Monitor Program Version 12.1(10r)EY(1.21) Board type 1, Board revision 7 Swamp FPGA revision 16, Dagobah FPGA revision 43 Timer interrupt test passed. MAC Address : 00-02-b9-83-af-fe IP Address : 172.16.84.122 Netmask : 255.255.255.0 Gateway : 172.16.84.1 TftpServer : Not set. Main Memory : 256 Mbytes ***** The system will autoboot in 5 seconds ***** Type control-C to prevent autobooting. !--- At this point, press Ctrl-C. Autoboot cancelled..... please wait!!!Autoboot cancelled..... please wait!!!rommon 1 > [interrupt]rommon 1 > [interrupt]rommon 1 > confreg Configuration Summary : => load ROM after netboot fails => console baud: 9600 => autoboot from: commands specified in 'BOOT' environment variable do you wish to change the configuration? y/n
```

```

[n]: y enable "diagnostic mode"? y/n [n]: n enable "use net in IP bcast address"? y/n [n]: n
disable "load ROM after netboot fails"? y/n [n]: n enable "use all zero broadcast"? y/n [n]: n
enable "break/abort has effect"? y/n [n]: n enable "ignore system config info"? y/n [n]: y
change console baud rate? y/n [n]: n change the boot characteristics? y/n [n]: n Configuration
Summary : => load ROM after netboot fails => ignore system config info => console baud: 9600 =>
autoboot from: commands specified in 'BOOT' environment variable do you wish to save this
configuration? y/n [n]: y You must reset or power cycle for new configuration to take
effectrommon 2 > resetResetting .....rommon 3 >
*****
* * Welcome to ROM Monitor for WS-X4014 System. * * Copyright (c) 1999-2000, 2001
by Cisco Systems, Inc. * * All rights reserved. * *
* ***** ROM Monitor Program Version
12.1(10r)EY(1.21) Board type 1, Board revision 7 Swamp FPGA revision 16, Dagobah FPGA revision
43 Timer interrupt test passed. MAC Address : 00-02-b9-83-af-fe IP Address : 172.16.84.122
Netmask : 255.255.255.0 Gateway : 172.16.84.1 TftpServer : Not set. Main Memory
: 256 Mbytes ***** The system will autoboot in 5 seconds ***** Type control-C to prevent
autobooting. . . . . ***** The system will autoboot now ***** config-register = 0x2142
Autobooting using BOOT variable specified file.... Current BOOT file is --- bootflash: Rommon
reg: 0x2B004180Decompressing the image :
#####
##### [OK]k2diags version 1.6prod: WS-X4014 part: 73-6854-07 serial:
JAB0546060ZPower-on-self-test for Module 1: WS-X4014Status: (. = Pass, F = Fail)Traffic using
serdes loopback (L2; one port at a time)...switch port 0: . switch port 1: . switch
port 2: . switch port 3: . switch port 4: . switch port 5: . switch port
6: . switch port 7: . switch port 8: . !--- Output suppressed.Module 1
PassedExiting to ios...Rommon reg: 0x2B000180Decompressing the image :
#####!--- Output
suppressed.##### [OK] Restricted Rights
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in subparagraph(c) of the Commercial Computer Software - RestrictedRights clause at FAR sec.
52.227-19 and subparagraph(c) (1) (ii) of the Rights in Technical Data and ComputerSoftware
clause at DFARS sec. 252.227-7013. cisco Systems, Inc. 170 West Tasman Drive San Jose,
California 95134-1706Cisco Internetwork Operating System Software IOS (TM) Catalyst 4000 L3
Switch Software (cat4000-IS-M), Version 12.1(8a)EW, RELEASE SOFTWARE (fc1)TAC Support:
http://www.cisco.com/tacCopyright (c) 1986-2002 by cisco Systems, Inc.Compiled Thu 24-Jan-02
17:34 by ccaiImage text-base: 0x00000000, database: 0x00AA2B8Ccisco WS-C4006 (MPC8245) processor
(revision 7) with 262144K bytes of memory.Processor board ID FOX04183666Last reset from Reload32
Gigabit Ethernet/IEEE 802.3 interface(s)467K bytes of nonvolatile configuration memory.Press
RETURN to get started!00:00:21: %SYS-5-RESTART: System restarted --Cisco Internetwork Operating
System Software IOS (TM) Catalyst 4000 L3 Switch Software (cat4000-IS-M), Version 12.1(8a)EW,
RELEASE SOFTWARE (fc1)TAC Support: http://www.cisco.com/tacCopyright (c) 1986-2002 by cisco
Systems, Inc.Compiled Thu 24-Jan-02 17:34 by ccai00:00:21: %SNMP-5-COLDSTART: SNMP agent on host
Switch is undergoing a cold startSwitch> enableSwitch# show versionCisco Internetwork Operating
System Software IOS (TM) Catalyst 4000 L3 Switch Software (cat4000-IS-M), Version 12.1(8a)EW,
RELEASE SOFTWARE (fc1)TAC Support: http://www.cisco.com/tacCopyright (c) 1986-2002 by cisco
Systems, Inc.Compiled Thu 24-Jan-02 17:34 by ccaiImage text-base: 0x00000000, database:
0x00AA2B8CROM: 12.1(10r)EY(1.21)Switch uptime is 5 minutesSystem returned to ROM by
reloadRunning default softwarecisco WS-C4006 (MPC8245) processor (revision 7) with 262144K bytes
of memory.Processor board ID FOX04183666Last reset from Reload32 Gigabit Ethernet/IEEE 802.3
interface(s)467K bytes of nonvolatile configuration memory.Configuration register is
0x2142Switch#Switch#configure memoryUncompressed configuration from 1307 bytes to 3014 bytesc-
4006-SUPIII#00:13:52: %SYS-5-CONFIG_I: Configured from memory by consolec-4006-SUPIII#show
running-config Building configuration...Current configuration : 3014 bytes!version 12.lno
service padservice timestamps debug uptime-service timestamps log uptime-no service password-
encryption-service compress-config!hostname c-4006-SUPIII!boot system flash bootflash:!vtp mode
transparent!vlan 20 private-vlan primary!vlan 100!vlan 202 private-vlan association 440!
vlan 440 private-vlan isolated!vlan 500ip subnet-zero no ip domain-lookup!ip multicast-
routing!!interface GigabitEthernet1/1 no switchport ip address 10.1.1.1 255.255.255.0 ip pim
dense-mode!interface GigabitEthernet1/2 no switchport ip address 20.1.1.1 255.255.255.0!!---
Output suppressed.!interface Vlan1 ip address 172.16.84.140 255.255.255.0 ip pim dense-
mode!interface Vlan2 no ip address shutdown!interface Vlan20 no ip address shutdown!!--- Output
suppressed.! line con 0 stopbits 1line vty 0 4 login!endc-4006-SUPIII#configure terminal Enter
configuration commands, one per line. End with CNTL/Z.c-4006-SUPIII(config)#no enable secret!--
- This step is necessary if the switch had !--- an enable secret password.c-4006-

```

```
SUPIII(config)#enable secret < password > [Choose a strong password with at least one capital letter, one number, and one special character.]c-4006-SUPIII(config)#config-register 0x2102c-4006-SUPIII(config)#^Zc-4006-SUPIII#00:19:01: %SYS-5-CONFIG_I: Configured from console by consolec-4006-SUPIII#write memoryBuilding configuration...Compressed configuration from 3061 bytes to 1365 bytes[OK]c-4006-SUPIII#show versionCisco Internetwork Operating System Software IOS (TM) Catalyst 4000 L3 Switch Software (cat4000-IS-M), Version 12.1(8a)EW, RELEASE SOFTWARE (fc1)TAC Support: http://www.cisco.com/tacCopyright (c) 1986-2002 by cisco Systems, Inc.Compiled Thu 24-Jan-02 17:34 by ccaiImage text-base: 0x00000000, database: 0x00AA2B8CROM: 12.1(10r)EY(1.21)c-4006-SUPIII uptime is 20 minutesSystem returned to ROM by reloadRunning default softwarecisco WS-C4006 (MPC8245) processor (revision 7) with 262144K bytes of memory.Processor board ID FOX04183666Last reset from Reload32 Gigabit Ethernet/IEEE 802.3 interface(s)467K bytes of nonvolatile configuration memory.Configuration register is 0x2142 (will be 0x2102 at next reload)c-4006-SUPIII#
```

## [Informações Relacionadas](#)

- [Combinações de sequência chave de ruptura padrão durante a recuperação de senha](#)
- [Procedimentos de recuperação de senhas](#)
- [Páginas de Suporte de Produtos de LAN](#)
- [Página de suporte da switching de LAN](#)
- [Suporte Técnico e Documentação - Cisco Systems](#)