

Procedimento de recuperação de senha para o roteador dos Serviços integrados do Cisco 2900

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[Introdução](#)

Este documento descreve como recuperar as senhas **enable password** e **enable secret**. Essas senhas protegem o acesso aos modos EXEC privilegiado e de configuração. A senha **enable password** pode ser recuperada, mas a senha **enable secret** é criptografada e deve ser substituída por uma nova senha. Utilize o procedimento descrito neste documento para substituir a **senha enable secret**.

[Pré-requisitos](#)

[Requisitos](#)

Não existem requisitos específicos para este documento.

[Componentes Utilizados](#)

As informações neste documento são baseadas nas seguintes versões de hardware:

- Roteador dos Serviços integrados do Cisco 2900 Series (ISR)

As informações neste documento foram criadas a partir de dispositivos em um ambiente de laboratório específico. Todos os dispositivos utilizados neste documento foram iniciados com uma configuração (padrão) inicial. Se a sua rede estiver ativa, certifique-se de que entende o impacto potencial de qualquer comando.

[Produtos Relacionados](#)

Consulte [Procedimentos de Recuperação de Senhas](#) para obter informações sobre como

recuperar senhas para os produtos relacionados.

Convenções

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

Procedimento Passo a Passo

Execute estas etapas a fim recuperar a sua senha:

1. Um ou outro desligar ou fechado o roteador.
2. Remova o flash compacto que está na parte traseira do roteador. Esta imagem mostra a parte traseira do 2951 Router:Para mais informação, refira [entalhes e conectores do painel traseiro nos Cisco 2921 e 2951 Router](#).
3. Ligue o roteador.
4. Uma vez que o roteador está no modo ROMMON, reintroduza o flash compacto.
5. [Digite confreg 0x2142 no prompt rommon 1> para inicializar da Flash](#).Este passo ignora a configuração de inicialização onde as senhas são armazenadas.
6. Digite **reset** no prompt rommon 2>.O roteador é reinicializado, mas ignora a configuração salva.
7. Digite **no** após cada pergunta de instalação ou pressione **Ctrl-C** para pular o procedimento de configuração inicial.
8. Digite **enable** no prompt Router>.Você está no modo enable e deve ver o prompt Router#.
9. Digite **configure memory** ou **copy startup-config running-config** para copiar a RAM não volátil (NVRAM) para a memória.**aviso:** Não incorpore a partida-**configuração da executar-configuração da cópia** nem **escreva-a**. Esses comandos apagam sua configuração de inicialização.
10. Emita o [comando show running-config](#).O comando show running-config exibe a configuração do roteador. Nesta configuração, o comando **shutdown** é mostrado em todas as interfaces, o que indica que todas as configurações estão desativadas no momento. Além, as senhas (permita a senha, permita o segredo, vty, e as senhas de console) são no um ou outro um formato criptografado ou não criptografado. Você pode reutilizar senhas não criptografadas. No entanto, as senhas criptografadas devem ser alteradas para um novo valor.
11. Digite **configure terminal**.O prompt hostname(config)# é exibido.
12. Digite **enable secret <password>** para alterar a senha **enable secret**. Por exemplo:

```
hostname(config)#enable secret cisco
```
13. Execute o comando **no shutdown** em cada interface usada.[Se você executar um comando show ip interface brief, todas as interfaces que você deseja usar deverão exibir up up.](#)
14. [Digite config-register <configuration register setting>](#). Onde o **<configuration_register_setting>** é o valor você gravou na etapa 2 ou **0x2102**. Por exemplo:

```
hostname(config)#config-register 0x2102
```
15. Pressione **Ctrl-z** ou **end** para sair do modo de configuração.O prompt hostname# é exibido.
16. [Digite write memory ou copy running-config startup-config para confirmar as alterações.](#)

Exemplo de procedimento de recuperação de senha

Esta seção fornece um exemplo do procedimento de recuperação de senhas. Este exemplo foi criado com um Cisco 2900 Series ISR. Mesmo se você não usa um Cisco 2900 Series ISR, esta saída fornece um exemplo do que você deve experimentar em seu produto.

```
Router>
```

```
enable
```

```
Password:
```

```
Password:
```

```
Password:
```

```
% Bad secrets
```

```
Router>
```

```
show version
```

```
Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.0(1)M1,  
RELEASE SOFTWARE (fc1)
```

```
Technical Support: http://www.cisco.com/techsupport
```

```
Copyright (c) 1986-2009 by Cisco Systems, Inc.
```

```
Compiled Wed 02-Dec-09 15:23 by prod_rel_team
```

```
ROM: System Bootstrap, Version 15.0(1r)M1, RELEASE SOFTWARE (fc1)
```

```
c2921-CCP-1-xfr uptime is 2 weeks, 22 hours, 15 minutes
```

```
System returned to ROM by reload at 06:06:52 PCTime Mon Apr 2 1900
```

```
System restarted at 06:08:03 PCTime Mon Apr 2 1900
```

```
System image file is "flash:c2900-universalk9-mz.SPA.150-1.M1.bin"
```

```
Last reload reason: Reload Command
```

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
<http://www.cisco.com/wvl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

```
Cisco CISCO2921/K9 (revision 1.0) with 475136K/49152K bytes of memory.
```

```
Processor board ID FHH1230P04Y
```

```
1 DSL controller
```

```
3 Gigabit Ethernet interfaces
```

```
9 terminal lines
```

```
1 Virtual Private Network (VPN) Module
```

```
1 Cable Modem interface
```

```
1 cisco Integrated Service Engine-2(s)
```

```
    Cisco Foundation 2.2.1 in slot 1
```

```
DRAM configuration is 64 bits wide with parity enabled.
```

```
255K bytes of non-volatile configuration memory.
```

```
248472K bytes of ATA System CompactFlash 0 (Read/Write)
```

```
62720K bytes of ATA CompactFlash 1 (Read/Write)
```

```
Technology Package License Information for Module:'c2900'
```

```

-----
Technology      Technology-package      Technology-package
                Current          Type                Next reboot
-----
ipbase          ipbasek9              Permanent          ipbasek9
security        securityk9            Permanent          securityk9
uc              uck9                  Permanent          uck9
data            datak9                Permanent          datak9

```

Configuration register is 0x2102

Router>

!--- Execute Steps 1 through 4 from Step-by-Step Procedure. ! rommon 1 > **confreg 0x2142**

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

rommon 2 > **reset**

System Bootstrap, Version 15.0(1r)M1, RELEASE SOFTWARE (fc1)
 Copyright (c) 2009 by cisco Systems, Inc.
 TAC:Home:SW:IOS:Specials for info
 C2900 platform with 524288 Kbytes of main memory

program load complete, entry point: 0x80008000, size: 0x6fdb4c

Self decompressing the image : #####
 #####
 #####
 #####
 ##### [OK]

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cisco Systems, Inc.
 170 West Tasman Drive
 San Jose, California 95134-1706

Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.0(1)M1,
 RELEASE SOFTWARE (fc1)
 Technical Support: <http://www.cisco.com/techsupport>
 Copyright (c) 1986-2009 by Cisco Systems, Inc.
 Compiled Wed 02-Dec-09 15:23 by prod_rel_team

Cisco CISCO2921/K9 (revision 1.0) with 475136K/49152K bytes of memory.
 Processor board ID FHH1230P04Y
 1 DSL controller
 3 Gigabit Ethernet interfaces
 9 terminal lines
 1 Virtual Private Network (VPN) Module
 1 Cable Modem interface
 1 cisco Integrated Service Engine-2(s)

Cisco Foundation 2.2.1 in slot 1
DRAM configuration is 64 bits wide with parity enabled.
255K bytes of non-volatile configuration memory.
248472K bytes of ATA System CompactFlash 0 (Read/Write)
62720K bytes of ATA CompactFlash 1 (Read/Write)

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: **n**

Press RETURN to get started!

```
00:00:19: %LINK-3-UPDOWN: Interface BRI0/0, changed state to up
00:00:19: %LINK-3-UPDOWN: Interface Ethernet0/0, changed state to up
00:00:19: %LINK-3-UPDOWN: Interface Ethernet0/1, changed state to up
00:00:19: %LINK-3-UPDOWN: Interface Serial0/0, changed state to down
00:00:19: %LINK-3-UPDOWN: Interface Serial0/1, changed state to down
00:00:20: %LINEPROTO-5-UPDOWN: Line protocol on Interface BRI0/0,
changed state to down
00:00:20: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0,
changed state to up
Router>
00:00:20: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/1,
changed state to up
00:00:20: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0,
changed state to down
00:00:20: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1,
changed state to down
00:00:50: %SYS-5-RESTART: System restarted --
Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.0(1)M1,
RELEASE SOFTWARE (fc1)
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Copyright (c) 1986-2009 by Cisco Systems, Inc.
Compiled Wed 02-Dec-09 15:23 by prod_rel_team
00:00:50: %LINK-5-CHANGED: Interface BRI0/0,
changed state to administratively down
00:00:52: %LINK-5-CHANGED: Interface Ethernet0/0,
changed state to administratively down
00:00:52: %LINK-5-CHANGED: Interface Serial0/0,
changed state to administratively down
00:00:52: %LINK-5-CHANGED: Interface Ethernet0/1,
changed state to administratively down
00:00:52: %LINK-5-CHANGED: Interface Serial0/1,
changed state to administratively down
00:00:53: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0,
changed state to down
00:00:53: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/1,
changed state to down
Router>
Router>enable
Router#copy startup-config running-config
Destination filename [running-config]?
1324 bytes copied in 2.35 secs (662 bytes/sec)
Router#
00:01:24: %LINEPROTO-5-UPDOWN: Line protocol on Interface BRI0/0:1,
changed state to down
00:01:24: %LINEPROTO-5-UPDOWN: Line protocol on Interface BRI0/0:2,
changed state to down
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#enable secret < password >
Router(config)#^Z
00:01:54: %SYS-5-CONFIG_I: Configured from console by console
```

Router#show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
Ethernet0/0	10.200.40.37	YES	TFTP	administratively down	down
Serial0/0	unassigned	YES	TFTP	administratively down	down
BRI0/0	193.251.121.157	YES	unset	administratively down	down
BRI0/0:1	unassigned	YES	unset	administratively down	down
BRI0/0:2	unassigned	YES	unset	administratively down	down
Ethernet0/1	unassigned	YES	TFTP	administratively down	down
Serial0/1	unassigned	YES	TFTP	administratively down	down
Loopback0	193.251.121.157	YES	TFTP	up	up

Router#configure terminal

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

Router(config)#interface Ethernet0/0

Router(config-if)#no shutdown

Router(config-if)#

00:02:14: %LINK-3-UPDOWN: Interface Ethernet0/0, changed state to up

00:02:15: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to up

Router(config-if)#interface BRI0/0

Router(config-if)#no shutdown

Router(config-if)#

00:02:26: %LINK-3-UPDOWN: Interface BRI0/0:1, changed state to down

00:02:26: %LINK-3-UPDOWN: Interface BRI0/0:2, changed state to down

00:02:26: %LINK-3-UPDOWN: Interface BRI0/0, changed state to up

00:02:115964116991: %ISDN-6-LAYER2UP: Layer 2 for Interface BR0/0, TEI 68 changed to up

Router(config-if)#^Z

Router#

00:02:35: %SYS-5-CONFIG_I: Configured from console by console

Router#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Router#show version

Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.0(1)M1, RELEASE SOFTWARE (fc1)

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c2921-CCP-1-xfr uptime is 2 weeks, 22 hours, 15 minutes

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Last reload reason: Reload Command

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Processor board ID FHH1230P04Y

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DRAM configuration is 64 bits wide with parity enabled.

255K bytes of non-volatile configuration memory.

248472K bytes of ATA System CompactFlash 0 (Read/Write)

62720K bytes of ATA CompactFlash 1 (Read/Write)

Configuration register is 0x2102

```
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#config-register 0x2102
Router(config)#^Z
00:03:20: %SYS-5-CONFIG_I: Configured from console by console

Router#show version
Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.0(1)M1,
  RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2009 by Cisco Systems, Inc.
Compiled Wed 02-Dec-09 15:23 by prod_rel_team

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Last reload reason: Reload Command

Cisco CISC02921/K9 (revision 1.0) with 475136K/49152K bytes of memory.
Processor board ID FHH1230P04Y
1 DSL controller
3 Gigabit Ethernet interfaces
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1 Virtual Private Network (VPN) Module
1 Cable Modem interface
1 cisco Integrated Service Engine-2(s)
  Cisco Foundation 2.2.1 in slot 1
DRAM configuration is 64 bits wide with parity enabled.
255K bytes of non-volatile configuration memory.
248472K bytes of ATA System CompactFlash 0 (Read/Write)
62720K bytes of ATA CompactFlash 1 (Read/Write)

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

Router#

Note: A fim recuperar a sua senha quando a funcionalidade da recuperação de senha é desabilitada, refira a [recuperação de uma seção do dispositivo de nenhuma recuperação de senha do serviço](#).

[Informações Relacionadas](#)

- [Procedimentos de recuperação de senhas](#)
- [Manual de cabeamento para console e portas AUX](#)
- [Conexão de um Terminal à Porta de Console dos Switches Catalyst](#)
- [Conexão de um Terminal aos Catalyst 2948G-L3, 4908G-L3 e 4840G Series Switches](#)
- [Suporte Técnico e Documentação - Cisco Systems](#)