

# ةجمدملا تامدخل هجومل رورملا ةملك دادرتسا 1900 Integrated Services Router

## تايوتحمل

[ةمدقملا](#)

[ةيساسألا تابلطتملا](#)

[تابلطتملا](#)

[ةمدختسملا تانوكملا](#)

[تاحالطصالا](#)

[ةيساسأ تامولعم](#)

[ليصف تلاب اءارجالا](#)

[رورملا ةملك دادرتسا اءارجالا لءلء](#)

[ةلص تاذا تامولعم](#)

## ةمدقملا

هجوملا نم `enable secret` و `enable password` رورم تاملك ةداعتسا ةيفيك دنتسملا اذه حضوي ك ب صاخلا.

## ةيساسألا تابلطتملا

### تابلطتملا

دنتسملا اذهل ةصاخ تابلطتم دجوت ال.

### ةمدختسملا تانوكملا

اذه زاهجال رادصا ىلا دنتسملا اذه يف ةدراولا تامولعملا دنتست:

- Cisco نم ةلماكلتملا تامدخل تاذا 1900 زارط تاهجوم ةلسلس •  
ةصاخ ةيلمعم ةئيب يف ةدوجوملا ةزهجالا نم دنتسملا اذه يف ةدراولا تامولعملا عاشنإ مت تناك اذا. (يضارتفا) حوسمم نيوكتب دنتسملا اذه يف ةمدختسملا ةزهجالا عيمج تادب رما يال لم تحملا ريثاتلل كمهف نم دكأتف ، ليغشتلا دي ق ك تكبش

### تاحالطصالا

قافاتا ةقيثو ىلع ةمولعمل [قافاتا فرط ينف cisco](#) تلحأ.

## ةيساسأ تامولعم

تازايتمالا تاذا EXEC و نيوكتلا عاضوا ىلا لوصولا ةيامحل هذه رورملا تاملك مَدختسُتو `enable secret` رورم ةملك ريفشت متي نكل ، `enable password` رورم ةملك دادرتسا نكميو دنتسملا اذه يف حضورملا اءارجالا مدختسا . ةديدج رورم ةملك اهلمح لحتل اهلا دبتسا بجيو



لاثم لاي بس ىلع 0x2102 وأ 2 ةوطخال ي ف اهليجستب تمق يتلا ةمقلا  
hostname(config)#config-register 0x2102

15. #hostname ةبلاطم ةذفان رهظت. نيوكتلا عضو ةرداغم ل end وأ Ctrl-z ىلع طغضا.
16. تاريغتلا ذيفنتل copy running-config startup-config وأ write memory بتكا.

## رورملا ةملك دادرتسا ارجا ىلع لاثم

هجوم مادختساب لاثملا اذه عاشن امت. رورملا ةملك دادرتسا ارجا ىلع لاثم مسقلا اذه مدقي  
Cisco 2900 ةجمدم تامدخ هجوم مدختست ال تنك اذا ىتح Cisco 2900 Series ISR ةجمدم تامدخ  
Series ISR، كجتنم ىلع هبجت امل لاثم مدقي جارخال اذه نإف.

```
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](mailto: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>

!--- The router was just powercycled, and during bootup a  
!--- break sequence was sent to the router after seeing the following message  
!--- program load complete, entry point: 0x80008000, size: 0x6fdb4c. 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)  
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1 cisco Integrated Service Engine-2(s)  
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255K bytes of non-volatile configuration memory.  
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--- 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 (fcl)  
Technical Support: <http://www.cisco.com/techsupport>  
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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**

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	<b>administratively down</b>	down
Serial0/0	unassigned	YES	TFTP	<b>administratively down</b>	down
BRI0/0	192.168.121.157	YES	unset	<b>administratively down</b>	down
BRI0/0:1	unassigned	YES	unset	<b>administratively down</b>	down
BRI0/0:2	unassigned	YES	unset	<b>administratively down</b>	down
Ethernet0/1	unassigned	YES	TFTP	<b>administratively down</b>	down
Serial0/1	unassigned	YES	TFTP	<b>administratively down</b>	down
Loopback0	192.168.121.157	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**  
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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
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Configuration register is 0x2142 (will be 0x2102 at next reload)
```

```
Router#
```

## قلمص تاذا تامولعم

- [رورملا ةملاك دادرتسا عارجل يلعل لاثم](#)
- [ةدعاسملا \(AUX\) ذفانملاو مكحتلا ةدحو ذفانملا تالبكلا تابلطتم نيوكت](#)
- [Catalyst تالوحم يلعل مكحت ةدحو ذفانملا لاصتالا مهف](#)
- [تأهجوملا تاجتتم معد](#)
- [نم تاليزنتلاو ينقتلا معدلا](#)

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ةللأل تاي نقتل نمة ومة مادختساب دن تسمل اذة Cisco تمةرت  
ملاعلاء انء مء مء نمة دختسمل معد و تمة مء دقتل ةر شبل او  
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