How to Reset Cisco 2600 Router to Factory Defaults

Submitted by Richard [1] on Sat, 02/21/2009 - 07:42

To reset your Cisco 2600 router, just follow the instructions from this link [2].

If you forgot your router's password (enable password, enable secret, console) you need to reset your router through ROMmon.

To access the ROMmon mode, start your minicom and reboot your router. Upon booting send the CTR+BREAK sequence by pressing CTRL-A F on your keyboard.

```
System Bootstrap, Version 12.2(8r) [cmong 8r], RELEASE SOFTWARE (fc1)
Copyright (c) 2003 by cisco Systems, Inc.
C2600 platform with 98304 Kbytes of main memory

program load complete, entry point: 0x80008000, size: 0xacc0f0
Self decompressing the image : ########################
monitor: command "boot" aborted due to user interrupt
rommon 1 >
rommon 1 >
```

Then type this command to change the router's configuration register to 0x2142.
rommon 1 > confreg 0x2142

You must reset or power cycle for new config to take effect
rommon 2 > reset

You can now login to the router without password. Configure your router again and set your password.
Router>enable
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#enable secret secretpassword

Then change your configuration register to its default value 0x2102
Router(config)#config-register 0x2102
Router(config)#exit

Verify your configuration register if its set to its default value. Issue this command.
Router#sh ver

You will see the configuration register value below.

```
Cisco Internetwork Operating System Software
IOS (tm) C2600 Software (C2600-IK8O3S-M), Version 12.2(24a), RELEASE SOFTWARE (fc3)
```

```
Copyright (c) 1986-2004 by cisco Systems, Inc.
Compiled Fri 28-May-04 20:34 by pwade
Image text-base: 0x8000808C, data-base: 0x812D11C0

ROM: System Bootstrap, Version 12.2(8r) [cmong 8r], RELEASE SOFTWARE (fc1)

Router uptime is 9 minutes
System returned to ROM by power-on
System image file is "flash:c2611.bin"


This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
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third-party authority to import, export, distribute or use encryption.
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A summary of U.S. laws governing Cisco cryptographic products may be found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

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

cisco 2611XM (MPC860P) processor (revision 0x200) with 93184K/5120K bytes of memory.
Processor board ID JAE080309QM (770573440)
M860 processor: part number 5, mask 2
Bridging software.
X.25 software, Version 3.0.0.
2 FastEthernet/IEEE 802.3 interface(s)
32K bytes of non-volatile configuration memory.
32768K bytes of processor board System flash (Read/Write)
```

Configuration register is 0x2102

- Cisco [3]
- Howtos [4]
- Linux [5]
- Minicom [6]

Source URL: http://www.cahilig.net/2009/02/21/how-reset-cisco-2600-router-factory-defaults

Links:
[1] http://www.cahilig.net/users/richard
[2] http://www.cahilig.net/2009/02/21/how-erase-cisco-2600-router-configuration
[3] http://www.cahilig.net/category/cisco
[4] http://www.cahilig.net/category/howtos
[5] http://www.cahilig.net/category/linux
[6] http://www.cahilig.net/category/minicom