

How to reset a Cisco 1941 Router

To reset a Cisco router to factory default (removing the startup configuration file), perform these steps:

1. To erase the configuration file, issue the `erase nvram:` command. Reload the router by issuing the `reload` command.

```
Router#> erase nvram:
```

```
Router#> reload
```

2. If this does not solve the problem, attempt to break into ROM Monitor (ROMmon) by issuing the break sequence (usually “Alt” and “b” from the Tera Term within 60 seconds from power-on mode.) from a console connection. You should see this ROMmon prompt:

```
rommon 1>
```

3. Change the configure register value to ignore the startup configuration by issuing the `confreg` command, as shown in this example:

```
rommon 2> confreg 0x2142 (OBS! – MEGET VIGTIGT! – HUSK PUNKT 7)
```

4. To reload the router, issue the `reset` command, as shown in this example:

```
rommon 3> reset
```

5. After the router boots, issue the `enable` command at the `Router >` prompt. The prompt changes to `Router#`, indicating that the router is now in privileged mode.

```
router> enable
```

6. To enter config mode, issue the `config terminal` command. You should now see a `Router(config)#` prompt.

```
Router#> config terminal
```

7. To change the configure register to recognize the startup configuration, issue the `config-register` command, as shown in this example:

```
Router (config)# config-register 0x2102
```

8. To break out of configuration mode, press Cntl and Z. To save the blank configuration, issue the `copy running-config startup-config` command.

```
Router#>copy running-config startup-config
```

Cisco Standard Break Key Combinations

Software	Platform	Operating System	Try This
Hyperterminal	IBM Compatible	Windows XP	Ctrl-Break
Hyperterminal	IBM Compatible	Windows 2000	Ctrl-Break
Hyperterminal	IBM Compatible	Windows 98	Ctrl-Break
Hyperterminal	IBM Compatible	Windows 95	Ctrl-F6-Break
Kermit	Sun Workstation	UNIX	Ctrl-\
			Ctrl-\b
MicroPhone Pro	IBM Compatible	Windows	Ctrl-Break
Minicom	IBM Compatible	Linux	Ctrl-a f
ProComm Plus	IBM Compatible	DOS or Windows	Alt-b
SecureCRT	IBM Compatible	Windows	Ctrl-Break
Telix	IBM Compatible	DOS	Ctrl-End
Telnet	N/A	N/A	Ctrl-], then type send brk
Telnet to Cisco	IBM Compatible	N/A	Ctrl-]
Teraterm	IBM Compatible	Windows	Alt-b
Terminal	IBM Compatible	Windows	Break
			Ctrl-Break
Tip	Sun Workstation	UNIX	Ctrl-], then Break or Ctrl-c
			~#
VT 100 Emulation	Data General	N/A	F16
Windows NT	IBM Compatible	Windows	Break-F5
			Shift-F5
			Shift-6 Shift-4 Shift-b (^\$B)
Z-TERMINAL	Mac	Apple	Command-b
N/A	Break-Out Box	N/A	Connect pin 2 (X-mit) to +V for half a second
	Cisco to aux port	N/A	Control-Shft-6, then b
	IBM Compatible	N/A	Ctrl-Break