



Unsetting the Boot Parameter Using IOS Command Line Interface

Before You Begin

- Ensure that you have access to Cisco RF Gateway 10 Supervisor Engine 7-E through Management IP.

Effective with Cisco IOS-XE 3.2.3SQ, platform environment variables such as BootParam can be modified from the IOS Command Line Interface. This procedure can be performed using Telnet or Management IP, which is a convenient way to modify the variables.

The following are the boot parameter variables available:

- BootParam1
- BootParam2
- BootParam3
- BootParam4
- BootMode



Important

You must perform this procedure on both active and standby Supervisor Engine 7-E card because this procedure is applicable only for the active Supervisor Engine 7-E. Hence you need to repeat this procedure on the standby Supervisor Engine 7-E card as well.

Procedure

	Command or Action	Purpose
Step 1	enable Example: RFGW-10> enable	Enables privileged EXEC mode.

	Command or Action	Purpose
Step 2	show platform environment variables Example: RFGW-10# show platform environment variables	Verify if boot parameter variables and BootMode environment variables are set. The following is displayed if the boot parameter variables are set: <pre>BootParam1="ip=:::nova:eth0:off rw disableautoreboot" BootParam2="BootMode=0" BootMode="0"</pre>
Step 3	platform environment variables unset <i>BootParamvariable</i> Example: RFGW-10# platform environment variables unset BootParam1 RFGW-10# platform environment variables unset BootParam2 RFGW-10# platform environment variables unset BootParam3 RFGW-10# platform environment variables unset BootParam4	Unset the boot parameter variables. <ul style="list-style-type: none"> • <i>BootParamvariable</i> - The boot parameter variables. The following are the boot Parameter variables available: <ul style="list-style-type: none"> ◦ BootParam1 ◦ BootParam2 ◦ BootParam3 ◦ BootParam4 ◦ BootMode <p>Note Skip this step, if boot parameter variables are not set.</p>
Step 4	show platform environment variables Example: RFGW-10# show platform environment variables	Verify if the boot parameter variables are now unset.
Step 5	reload Example: RFGW-10# reload	Reload the SUP7. <p>Note Reload ensures that the boot parameter variables are unset.</p>

The following is the example of the **show platform environment variables** command, if boot parameter variables are set.

```
PS1="rommon ! >"
SupportedFeatures="1"
SkipDiagsAlways="1"
CodeSignDisable="1"
BootParam1="ip=:::va:eth0:off rw disableautoreboot"
BootParam2="BootMode=0"
ConfigReg="0x2102"
DiagMonitorAction="Normal"
RommonVer="15.0 (1r)SQ (315) "
BOOT="slot0:rfgwk10-entservicesk9.03.03.01.SQ.150-2.SQB1.bin,12;bootflash:rfgwk10-entservicesk9.03.02.00.SQ.150-2.SQA.bin,12;"
```

```
RET_2_RTS="01:07:15 EST Tue Feb 4 2014"
BootedFileName="slot0:rfgwk10-entservicesk9.03.03.01.SQ.150-2.SQB1.bin"
ReqClearAutoboot="1"
BootStatus="Success"
RET_2_RCALTS=""
```

The following is the example of the **show platform environment variables** command if boot parameter variables are unset.

```
PS1="rommon ! >"
SupportedFeatures="1"
SkipDiagsAlways="1"
CodeSignDisable="1"
ConfigReg="0x2102"
DiagMonitorAction="Normal"
RommonVer="15.0 (1r) SQ (315) "
BOOT="slot0:rfgwk10-entservicesk9.03.03.01.SQ.150-2.SQB1.bin,12;bootflash:rfgwk10-entservicesk9.03.02.00.SQ.150-2.SQA.bin,12;"
RET_2_RTS="01:07:15 EST Tue Feb 4 2014"
BootedFileName="slot0:rfgwk10-entservicesk9.03.03.01.SQ.150-2.SQB1.bin"
ReqClearAutoboot="1"
BootStatus="Success"
RET_2_RCALTS=""
```

What to Do Next

This procedure unsets the boot parameter on a single Supervisor Engine 7-E card. So repeat this procedure on the other Supervisor Engine 7-E card.

