

引导的Catalyst 9000 Switches交换：由于的提示堆积1+1变量

Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[问题](#)

[解决方案](#)

[Related Information](#)

[简介](#)

本文描述一个少见问题&解决方案关于不能通常引导和落入启动装载程序(交换机：)提示的Catalyst 9000 Series Switches。

Prerequisites

无。

Requirements

There are no specific requirements for this document.

Components Used

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

[问题](#)

Catalyst 9000 Series switches引导到启动装载程序提示，当的堆栈1+1位意味着设置时交换机为

StackWise虚拟被配置。这可以由查看错误确定下面，当用户设法引导从启动装载程序提示时的交换机。

“重新载入的机箱2，原因- 1+1模式失效的活动/等待选择”

```
switch: boot
attempting to boot from [flash:packages.conf]

Located file packages.conf
#
#####
#####
Validate packages: SHA-1 hash:
calculated 550C9730:667B2788:DD6F6B06:D0FFA819:01A315DA
expected 550C9730:667B2788:DD6F6B06:D0FFA819:01A315DA

Both links down, not waiting for other switches
Switch number is 2

Chassis 2 reloading, reason - Active/standby selection failed in 1+1 Mode <<<<<<
Feb 19 20:06:55.572 FP0/0: %PMAN-5-EXITACTION: Process manager is exiting: reload fp action
requested
Feb 19 20:06:57

Initializing Hardware...

System Bootstrap, Version 16.6.1r [FC1], RELEASE SOFTWARE (P)
Compiled Sat 07/15/2017 8:31:57.39 by rel

Current image running:
Primary Rommon Image

Last reset cause: SoftwareReload
C9300-48U platform with 8388608 Kbytes of main memory

attempting to boot from [flash:packages.conf]

Located file packages.conf
#
#####
#####

Validate packages: SHA-1 hash:
calculated 550C9730:667B2788:DD6F6B06:D0FFA819:01A315DA
expected 550C9730:667B2788:DD6F6B06:D0FFA819:01A315DA
```

另一个方式识别此问题是通过查看堆栈1+1启动装载程序变量通过使用“设置” in命令启动装载程序模式。当交换机启动启动时，要获得交换机在启动装载程序模式下，请按Mode按钮。

```
switch: set
ABNORMAL_RESET_COUNT=0
AUTOREBOOT_RESTORE=1
BOARDID=20569
BOOT=flash:packages.conf
BSI=0
MAC_ADDR=00:ab:cd:ef:01
MANUAL_BOOT=yes
```

```
MODEL_NUM=C9300-48UXM
MODEL_REVISION_NUM=D0
MOTHERBOARD_ASSEMBLY_NUM=73-17959-06
MOTHERBOARD_REVISION_NUM=A0
MOTHERBOARD_SERIAL_NUM=XXXXXXXXXXXX
RANDOM_NUM=1901228755
RET_2_RCALTS=
ROMMON_AUTOBOOT_ATTEMPT=3
STACK_1_1=2_0 <<<<<<
SWITCH_IGNORE_STARTUP_CFG=1
SWITCH_NUMBER=2
SYSTEM_SERIAL_NUM=XXXXXXXXXXXX
TEMPLATE=access
VERSION_ID=V01
```

```
switch:
```

[解决方案](#)

移置堆栈1+1变量。在此交换机以后能通常引导。

```
switch:unset STACK_1_1
```

```
switch: set
ABNORMAL_RESET_COUNT=0
AUTOREBOOT_RESTORE=1
BOARDID=20569
BOOT=flash:packages.conf
BSI=0
MAC_ADDR=00:ab:cd:ef:01
MANUAL_BOOT=yes
MODEL_NUM=C9300-48UXM
MODEL_REVISION_NUM=D0
MOTHERBOARD_ASSEMBLY_NUM=73-17959-06
MOTHERBOARD_REVISION_NUM=A0
MOTHERBOARD_SERIAL_NUM=XXXXXXXXXXXX
RANDOM_NUM=1901228755
RET_2_RCALTS=
ROMMON_AUTOBOOT_ATTEMPT=3
SWITCH_IGNORE_STARTUP_CFG=1
SWITCH_NUMBER=2
SYSTEM_SERIAL_NUM=XXXXXXXXXXXX
TEMPLATE=access
VERSION_ID=V01
```

```
switch:
```

一旦堆栈1+1启动装载程序变量然后被移置请发出boot命令，以便交换机能在在交换机设置的引导变量引导。

```
switch: boot
attempting to boot from [flash:packages.conf]
```

```
Located file packages.conf
```

```
#
```

```
#####
```

```
#####
```

```
Validate packages: SHA-1 hash:
```

```
calculated 550C9730:667B2788:DD6F6B06:D0FFA819:01A315DA
```

expected 550C9730:667B2788:DD6F6B06:D0FFA819:01A315DA

Both links down, not waiting for other switches
Switch number is 2

[相关信息](#)

关于堆栈1+1模式的信息请参考[1:1 Redundancy](#)