

Catalyst 9000交换机引导至交换机：由于堆栈1+1变量而提示

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简介

本文档介绍有关Catalyst 9000系列交换机的罕见问题和解决方案，此类交换机无法正常启动并进入引导加载程序(switch:)提示符。

问题

机箱2重新加载，原因 — 在1+1模式中主用/备用选择失败。

```
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
```

识别此问题的另一种方法是使用 `set` 命令。要使交换机处于引导加载程序模式，请点击 `mode` 按钮以启动交换机。

```
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=XXXXXXXXXX
```

```
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=XXXXXXXXXX
```

```
TEMPLATE=access
```

```
VERSION_ID=V01
```

```
switch:
```

解决方案

取消设置Stack 1+1变量。在此交换机能够正常启动之后。

```
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:

取消设置Stack 1+1引导加载程序变量后，发出 **boot** 命令，以便交换机可以从交换机上设置的引导变量启动。

```
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

有关堆栈1+1模式的信息，请参阅[1:1冗余](#)。

关于此翻译

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