

Catalyst 9000交換器開機到交換器：由於堆疊1+1變數而提示

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簡介

本文描述有關Catalyst 9000系列交換器無法正常開機並進入開機載入器(switch:)提示中的罕見問題和解決方案。

問題

機箱2重新載入，原因 — 在1+1模式下活動/備用選擇失敗。

```
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
```

識別此問題的另一種方法是使用 `set` 指令。若要使交換器處於開機載入器模式，請按一下 `mode` 按鈕，方便交換機啟動。

```
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:
```

解決方案

取消設定 Stack 1+1 變數。在此交換器能夠正常開機後。

```
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:

取消設定Stack 1+1開機載入程式變數後，發出 **boot** 命令，以便交換器可以從交換器上設定的開機變數開機。

```
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
```

相關資訊

有關堆疊1+1模式的資訊，請參閱[1:1冗餘](#)。

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。