



## CONTAP-427389：节点处于启动循环中，升级 ONTAP 映像时出现消息：‘MRPC 电源循环’

<https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-Issues/CONTAP-427389>

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### 问题描述

- 在 AFF A70、AFF-A90、AFF-C80、ASA A70、ASA-A90 上升级 ONTAP 映像时，节点进入启动循环并显示控制台消息：**MRPC 电源循环**
- 控制台日志：

```
MRPC Power cycle will occur to activate microchip FW
FWU registration for pwr_cycle.SWITCHTEC_FWUPDATE SUCCEEDED
Skip: /dev/pass0 Not an Atlas switch
No firmware was updated, so no need to reboot
update microchip switch 1 cfg version from 0x00000004 to 0x00000005
config image: /platform/fw/switchtec/vinoint/pcml.fwimg
version: 390005d
date: 20191217
time: 15:19:34
image: CFG_DATA
OERROR: FW download fail 16
version: 390005d
```

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```
date: 20191217
time: 15:19:34
image: CFG_DATA
0ERROR: FW download fail 16
version: 390005d
date: 20191217
time: 15:19:34
image: CFG_DATA
0ERROR: FW download fail 16
Switchtec update failed fw: 0 bld: 0 cfg: 2
...
FWU 1st trigger point
FWU performs system power cycle for post firmware update.
```