



CXone Mpower EXPERT

由于分区映像故障、CP交换机已关闭

https://kb-cn-stage.netapp.com/on-prem/Switches/Brocade-KBs/CP_switch_is_down_due_to_partition_...

Updated: Wed, 22 Apr 2026 11:40:10 GMT

适用场景

Brocade交换机

问题描述

- 将Brocade交换机FOS从v9.1.1c3升级到v9.2.1a时、由于分区映像故障、CP上的IP脱机30-35分钟、CP交换机关闭。
- 升级期间备用分区故障转移失败。
- 插槽2是活动CP、而交换机变得不可访问、在强制故障转移到插槽1后、重新获得访问权限。

```
firmwaredownloadstatus:
```

```
[1]: Fri Aug 16 21:58:10 2024
```

```
Slot 2 (CP1, active): Firmware is being downloaded to standby CP. This step may take up to 30 minutes.
```

```
[2]: Fri Aug 16 22:12:38 2024
```

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Slot 2 (CP1, active): Firmware has been downloaded successfully to Standby CP.

[3]: Fri Aug 16 22:12:39 2024

Slot 2 (CP1, active): Standby CP is going to reboot with new firmware.

[4]: Fri Aug 16 22:15:00 2024

Slot 2 (CP1, active): Standby CP booted successfully with new firmware.

[5]: Fri Aug 16 22:16:55 2024

Slot 1 (CP0, active): Forced failover succeeded. New Active CP is running new firmware

[6]: Fri Aug 16 22:17:30 2024

Slot 1 (CP0, active): Firmware is being downloaded to standby CP. This step may take up to 30 minutes.

[7]: Fri Aug 16 22:20:13 2024

Slot 1 (CP0, active): Firmware has been downloaded successfully on Standby CP.

[8]: Fri Aug 16 22:20:14 2024

Slot 1 (CP0, active): Standby CP reboots.

[9]: Fri Aug 16 22:22:10 2024

Slot 1 (CP0, active): Firmware commit operation has started on both active and standby CPs.

[10]: Fri Aug 16 22:22:11 2024

Slot 1 (CP0, active): Standby CP booted successfully with new firmware.

[11]: Fri Aug 16 22:22:11 2024

Slot 1 (CP0, active): The firmware commit operation has started. This may take up to 10 minutes.

[12]: Fri Aug 16 22:26:41 2024

Slot 1 (CP0, active): The commit operation has completed successfully.

[13]: Fri Aug 16 22:26:42 2024

Slot 1 (CP0, active): Firmware commit operation has completed successfully on active CP.

[14]: Fri Aug 16 22:26:42 2024

Slot 1 (CP0, active): Firmwaredownload command has completed successfully. Use firmwaredownload to verify the firmware versions.

- emtraceshow2 输出中插槽2中的CP刀片式服务器出现故障：

EMTRACESHOW2

```
Slot 2 FLT(20035) ON(10014) ----- FLT(20035) 020003 1 0 Aug 16 22:15:50
Slot 2 ON(20000) ON(10035) ----- ON(20000) 020003 1 0 Aug 16 22:20:30
Slot 2 FLT(20035) ON(10014) ----- FLT(20035) 020003 1 0 Aug 16 22:20:33
```

- 进程挂起可能是由多种原因引起的，其中一些原因如下：
 - 软件缺陷(内存泄漏)
 - 通过IP接口对交换机进行过多轮询(例如、可供使用)
 - 硬件故障。