



ONTAP升级中BMC更新失败期间的 SPAutoUpgradeFailedMajorAlert

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/SPAutoUpgradeFailedMajorAlert_durin...

Updated: Wed, 22 Apr 2026 07:30:35 GMT

适用场景

- FAS2720
- 分阶段将ONTAP从 9.7P22 升级到 9.9.1P19，再升级到 9.13.1P9

问题描述

- 在ONTAP从 9.7P22 升级到 9.9.1P19 再升级到 9.13.1P9 期间，HA 一个节点上的BMC更新失败，仍为版本 11.9P1。

下列EMS log被观察到 SPAutoUpgradeFailedMajorAlert：

```
[?] Wed Jul 09 15:37:10 +0900 [node02: servprocd:
sp.servprocd.upd.evts:debug]: params: {'reason': 'SP Firmware network update
has been successfully scheduled from 11.9P1 to 11.10'}
[?] Wed Jul 09 15:37:20 +0900 [node02: servprocd:
sp.servprocd.upd.evts:debug]: params: {'reason': 'SP Firmware network update
```

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```
from 11.9P1 to 11.10 has been triggered.')}
[?] Wed Jul 09 15:37:51 +0900 [node02: servprocd:
sp.servprocd.upd.evts:debug]: params: {'reason': 'SP firmware image has been
successfully transferred to SP using network interface.'}
[?] Wed Jul 09 15:37:51 +0900 [node02: servprocd:
sp.servprocd.upd.unexpt.evts:debug]: params: {'reason': 'Unable to successfully
update SP firmware using network interface'}
[?] Wed Jul 09 15:37:52 +0900 [node02: servprocd:
sp.servprocd.upd.error:error]: SP update error: SP firmware update failure has
been detected.
[?] Wed Jul 09 15:39:10 +0900 [node02: nphmd: hm.alert.raised:alert]: Alert
Id = SPAutoUpgradeFailedMajorAlert , Alerting Resource = SP Upgrade raised by
monitor controller
[?] Wed Jul 09 15:57:34 +0900 [node02: servprocd:
sp.servprocd.upd.evts:debug]: params: {'reason': 'SP Firmware network update
has been successfully scheduled from 11.9P1 to 11.10'}
[?] Wed Jul 09 15:57:45 +0900 [node02: servprocd:
sp.servprocd.upd.evts:debug]: params: {'reason': 'SP Firmware network update
from 11.9P1 to 11.10 has been triggered.'}
[?] Wed Jul 09 15:58:15 +0900 [node02: servprocd:
sp.servprocd.upd.evts:debug]: params: {'reason': 'SP firmware image has been
successfully transferred to SP using network interface.'}
[?] Wed Jul 09 15:58:15 +0900 [node02: servprocd:
sp.servprocd.upd.unexpt.evts:debug]: params: {'reason': 'Unable to successfully
update SP firmware using network interface'}
[?] Wed Jul 09 15:58:15 +0900 [node02: servprocd:
sp.servprocd.upd.error:error]: SP update error: SP firmware update failure has
been detected.
```