



dimmm_uecc_errorによりシステムが停止

https://kb-ja.netapp.com/on-prem/ontap/OHW/OHW-KBs/System_down_due_to_a_dimmm_uecc_error

Updated: Fri, 07 Nov 2025 14:45:56 GMT

環境

- FAS2820
- ONTAP 9.13.1

問題

dimmm_uecc_errorが原因でシステムが停止しました

EMS

```
<LR d="24Jan2025 10:50:28" n="node-02" t="xxxxxxxxxx" id="xxxxxxxxxx/  
xxxxxx" p="5" s="Ok" o="cf_hwassist" vf="" type="0" seq="328428" supp="9">  
<cf_hwassist_takeoverTrapRecv_1
```

```
        partnerName="node-01"
        trap_type="system_down"
        trap_event="dimm_uecc_error"/>
</LR>
<LR d="24Jan2025 10:50:28" n="node-02" t="xxxxxxxxxx" id="xxxxxxxxxx/
xxxxxx" p="5" s="Ok" o="cf_hwassist" vf="" type="0" seq="328429">
<cf_hwassist_takeoverTrapRecv_1
    partnerName="node-01"
    trap_type="system_down"
    trap_event="power_cycle_via_sp"/>
```

BMCログ（システムログ）

現象1

===== Log #2 start time Sun Jan 19 21:40:27 2025

BIOS Version: 19.2
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Initializing System Memory ...
HALT! Memory Initialize Fatal Error.

Error Action: HALT System.

===== Log #6 start time Mon Jan 20 12:46:13 2025

BIOS Version: 19.2
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Initializing System Memory ...
HALT! Memory Initialize Fatal Error.

Error Action: HALT System.

===== Log #8 start time Mon Jan 20 20:37:46 2025

BIOS Version: 19.2
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Initializing System Memory ...
HALT! Memory Initialize Fatal Error.

現象2

Local System ID: xxxxxxxxx
Press Ctrl-C for Maintenance menu to release disks.
Jan 24 10:50:27 [node-01:cf.fmns.skipped.disk:notice]: While releasing the

```

reservations in "Waiting For Giveback" state Failover Monitor Node
State(fmns) module skipped the disk 0b.00.1 that is owned by xxxxxxxxxx and
reserved by xxxxxxxxxx.
Boot argument NfsRdmaOk not specified. Default (set) is in effect.

Boot argument NfsIpOk not specified. Default (set) is in effect.
FWU 2nd trigger point
FWU has no post firmware update action registered.
pnso provider init started.
Notice : pnso card not detected.
hwo: Node is using hardware provider : 1.
ECC error at DIMM-1: F47A2F80,ADDR 0x5a82d34c0,(Node(0), Memory
controller(0), CH(0), DIMM(0), Rank(0), Bank Group(3), Bank(0x2),
Row(0x9505), Col(0x350)) Uncorrectable Machine Check Error at CPU2.
ICL_IMC0_C0 Error:
STATUS<0xbe00004200a00090>(VALID,UC,EN,MISCV,ADDRV,PCC,CORR_ERR_STAT(0),CORR_
Memory controller(0), CH(0), DIMM(0), Rank(0), Bank Group(3), Bank(0x2),
Row(0x9505), Col(0x350), Device(0), DQ-Burst(3,0),
Requesting SP to power cycle the filer to attempt to clear the Machine
Check Event
...
ECC error at DIMM-1: F47A2F80,ADDR...
...
ECC error at DIMM-1: F47A2F80,ADDR...
...
ECC error at DIMM-1: F47A2F80,ADDR...
...
ECC error at DIMM-1: F47A2F80,ADDR...
...
Local System ID: xxxxxxxxxx
Press Ctrl-C for Maintenance menu to release disks.
Jan 24 11:14:28 [node-01:cf.fmns.skipped.disk:notice]: While releasing the
reservations in "Waiting For Giveback" state Failover Monitor Node
State(fmns) module skipped the disk 0b.00.1 that is owned by xxxxxxxxxx and
reserved by xxxxxxxxxx.
Boot argument NfsRdmaOk not specified. Default (set) is in effect.

Boot argument NfsIpOk not specified. Default (set) is in effect.
FWU 2nd trigger point
FWU has no post firmware update action registered.
pnso provider init started.
Notice : pnso card not detected.
hwo: Node is using hardware provider : 1.
ECC error at DIMM-1: F47A2F80,ADDR 0x5a82d36c0,(Node(0), Memory
controller(0), CH(0), DIMM(0), Rank(0), Bank Group(3), Bank(0x2),
Row(0x9505), Col(0x370)) Uncorrectable Machine Check Error at CPU0.
ICL_IMC0_C0 Error:
STATUS<0xfe00004200a00090>(VALID,OVER,UC,EN,MISCV,ADDRV,PCC,CORR_ERR_STAT(0),

```

```
Memory controller(0), CH(0), DIMM(0), Rank(0), Bank Group(3), Bank(0x2),  
Row(0x9505), Col(0x370), Device(0), DQ-Burst(3,4),  
Requesting SP to power cycle the filer to attempt to clear the Machine  
Check Event
```