



iSCSI connections are lost on some hosts after E-Series controller replacement

https://kb-stage.netapp.com/on-prem/E-Series/SANtricity-OS-KBs/iSCSI_connections_are_lost_on_so...

Updated: Wed, 22 Apr 2026 02:10:29 GMT

Applies to

- E-Series
- SANtricity OS
- Linux DM-MP (Device Mapper Multipath)
- Controller replacement was performed

Issue

- Some hosts loose iSCSI connection(s) after replacement of E-Series controller
- Recovery Guru and `MAJOR-EVENT-LOG` (MEL) reports the following errors:

- Loss of host-side connection redundancy detected
- Volume not on preferred path due to AVT/RDAC failover
- ALB_HOST_REDUNDANCY_LOST
- NON_PREFERRED_PATH
- [Redistribute volumes](#) temporary resolves these errors but they are detected again after several minutes
- No configuration changes performed both on controller and host other than the controller replacement
- STATE-CAPTURE-DATA > spmShow indicates that the replaced controller does not have iSCSI connections from some hosts that the partner controller has

Example of after the replacement of controller A:

Executing spmShow(0,0,0,0,0,0,0,0,0,0) on controller A:

```

---I-T-Nexus (PORT) Objects (ITN)---
ITNID InitiatorPort                TargetPort                          Online
-----
x0005 Host_00000000000000003      iSCSI_TargetPortPR_Ah_ch7          on
<IQN>:<HOST1>
x0006 Host_00000000000000004      iSCSI_TargetPortPR_Ah_ch8          on
<IQN>:<HOST1>

```

Executing spmShow(0,0,0,0,0,0,0,0,0,0) on controller B:

```

---I-T-Nexus (PORT) Objects (ITN)---
ITNID InitiatorPort                TargetPort                          Online
-----
x0005 Host_00000001000000004      iSCSI_TargetPortPR_Bh_ch8          off
<IQN>:<HOST1>
x0006 Host_00000001000000002      iSCSI_TargetPortPR_Bh_ch8          on
<IQN>:<HOST1>
x0007 Host_00000001000000002      iSCSI_TargetPortPR_Bh_ch8          on
<IQN>:<HOST1>
x0008 Host_00000001000000020      iSCSI_TargetPortPR_Bh_ch8          off
<IQN>:<HOST2>
x0009 Host_00000001000000001      iSCSI_TargetPortPR_Bh_ch7          on
<IQN>:<HOST2>
x000a Host_0000000100000001f      iSCSI_TargetPortPR_Bh_ch7          off

```

```
<IQN>:<HOST1>
x000b Host_0000000100000002          iSCSI_TargetPortPR_Bh_ch8      off
<IQN>:<HOST2>
x000c Host_0000000100000001          iSCSI_TargetPortPR_Bh_ch7      on
<IQN>:<HOST2>
x000d Host_0000000100000002          iSCSI_TargetPortPR_Bh_ch8      on
<IQN>:<HOST3>
x000e Host_0000000100000002          iSCSI_TargetPortPR_Bh_ch8      on
<IQN>:<HOST3>
```