



## IPv6 LIF 迁移后网络连接丢失

[https://kb-cn-stage.netapp.com/on-prem/ontap/Ontap\\_OS/OS-KBs/Network\\_connectivity\\_loss\\_after\\_IP...](https://kb-cn-stage.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/Network_connectivity_loss_after_IP...)

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### 适用场景

- ONTAP 9
- 逻辑接口 (LIF)
- LIF 迁移

### 问题描述

在 ONTAP 9.12 上，将逻辑接口 (LIF) 从一个节点迁移到另一个节点时，网络连接丢失。NFS 客户端无法访问数据。此问题在节点之间的 IPv6 LIF 迁移过程中尤为常见。记录了以下错误消息：

LIF 迁移成功消息记录在 EMS 中

```
4/1/2025 09:30:01 node001 NOTICE Nblade.graceBegin: NFS
servergrace state has begun for Vserver "SVM001", LIF ID"1064", LIP IP address
```

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"2401:xxxx:xx:xxxx:xx::4".
4/1/2025 09:30:01 node001 NOTICE Nblade.recoveryBegin: NFSserver
lock recovery has begun for Vserver "SVM001", LIFID"1064", LIF IP address
"2401:xxxx:xx:xxxx:xx::4".
4/1/2025 09:30:40 node001 NOTICE vifmgr.lifsuccessfullymoved:LIF
testcore_ipv6_lif04 (on virtual server 3), IP address2401:xxxx:xx:xxxx:xx::4,
is now hosted on node node001, port ela-2238.
4/1/2025 09:30:44 node002 NOTICE vifmgr.lifmoved.byadmin:
LIFtestcore_ipv6_lif04 (on virtual server 3), IP address
2401:xxxx:xx:xxxx:xx::4,is being moved to node node001, port ela-2238.
4/1/2025 09:30:44 node002 NOTICE vifmgr.lifBeingRemoved:
LIFtestcore_ipv6_lif04 (on virtual server 3), IP address
2401:xxxx:xx:xxxx:xx::4,is being removed from node node002, port ela-2238 °

```

NFS 客户端失去访问权限，并且 ONTAP 报告 IPv6 地址尚未准备好。

```

4/1/2025 09:30:46 node002 INFORMATIONALnetinet6.input.addr.notReady:
ip6_input: packet was sent to an unready address
2401:xxxx:xx:xxxx:xx::2->2401:xxxx:xx:xxxx:xx::4.

```

并且 ping 没有响应 LIF

```

400 2025-04-01 09:30:44.55200 240 14 2401 12 DDPV6 118 0.400000 Echo (ping) reply 5d8cc82, seq=20905, hop limit=64 (request in use)
470 2025-04-01 09:30:44.80275 240 12 2401 14 DDPV6 118 0.001077 Echo (ping) request 5d8cc82, seq=20906, hop limit=64 (no response found)
490 2025-04-01 09:30:44.82640 240 12 2401 14 DDPV6 118 0.149504 Echo (ping) request 5d8cc82, seq=20907, hop limit=64 (no response found)
491 2025-04-01 09:30:47.18704 240 14 FFD011 4 DDPV6 00 0.158164 Neighbor Advertisement 2401:8400:56:0120::1:1:4 (over) is at 10:70:f4:2a:05:0c
492 2025-04-01 09:30:48.00262 240 12 2401 4 DDPV6 118 0.121104 Echo (ping) request 5d8cc82, seq=20908, hop limit=64 (no response found)
493 2025-04-01 09:30:48.01622 240 12 2401 4 DDPV6 118 1.021103 Echo (ping) request 5d8cc82, seq=20909, hop limit=64 (no response found)
500 2025-04-01 09:30:48.10012 240 14 FFD011 4 DDPV6 00 0.124560 Neighbor Advertisement 2401:8400:56:0120::1:1:4 (over) is at 10:70:f4:2a:05:0c
501 2025-04-01 09:30:48.10970 240 12 2401 4 DDPV6 118 0.216800 Echo (ping) request 5d8cc82, seq=20910, hop limit=64 (no response found)
530 2025-04-01 09:30:51.12284 240 12 2401 4 DDPV6 118 0.121700 Echo (ping) request 5d8cc82, seq=20911, hop limit=64 (no response found)
531 2025-04-01 09:30:51.18864 240 14 FFD011 4 DDPV6 00 0.131100 Neighbor Advertisement 2401:8400:56:0120::1:1:4 (over) is at 10:70:f4:2a:05:0c
541 2025-04-01 09:30:51.18882 240 12 2401 4 DDPV6 118 0.104545 Echo (ping) request 5d8cc82, seq=20912, hop limit=64 (no response found)
543 2025-04-01 09:30:53.17367 240 12 2401 4 DDPV6 118 1.024850 Echo (ping) request 5d8cc82, seq=20913, hop limit=64 (no response found)

```