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## 使用BES-53248集群交换机的ClusterSwitch无配置警报

[https://kb-cn-stage.netapp.com/on-prem/Switches/Cisco-KBs/ClusterSwitchlessConfig\\_Alert\\_with\\_BES...](https://kb-cn-stage.netapp.com/on-prem/Switches/Cisco-KBs/ClusterSwitchlessConfig_Alert_with_BES...)

Updated: Wed, 22 Apr 2026 07:31:51 GMT

### 适用场景

- ONTAP 9
- BES-53248

### 问题描述

- 包含以下内容的ONTAP系统警报/运行状况警报：

Problem Summary:

Node: nodename

Alert ID: ClusterSwitchlessConfig\_Alert

Resource: clustername

Severity: Major

Indication Time: Sat Dec 14 20:15:25 2024

Suppress: false

Acknowledge: false

Probable Cause: No cluster switch is detected and the switchless option is not

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enabled.

Possible Effect: Communication problems and cluster connectivity issues occur.

Corrective Actions:

1) If the cluster network is configured as a two-node switchless cluster (TNSC), enable switchless detection by using the "network options detect-switchless-cluster modify -enabled true" command.

No further action is required.

2) If the cluster network is configured with cluster switches, the nodes fail to detect the switches.

Ensure that the network interfaces on the cluster switches connected to the node cluster ports are enabled on both sides.

If the errors are corrected, stop. No further action is required. Otherwise, continue to step 3.

3) Check the physical connections between the nodes and the cluster switches. Replace network cables with known-good cables.

If the errors are corrected, stop. No further action is required. Otherwise, continue to step 4.

4) Ensure that either CDP (for Cisco switches) or ISDP (for NetApp CN1610 and Broadcom BES-53248 switches) is enabled on the cluster switches.

- EMS事件日志包含许多vifmgr.cluscheck.ctdpktloss 错误条目：

```
Mon Dec 16 00:53:32 +0800 [<nodename>: vifmgr:  
vifmgr.cluscheck.ctdpktloss:alert]: Continued packet loss when pinging from  
cluster lif <nodename>_clus1 (node <nodename>) to cluster lif <nodename>_clus2  
(node <nodename>).
```