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## 扩展ONTAP集群后、OKM密钥未还原

[https://kb-cn-stage.netapp.com/on-prem/ontap/dm/Encryption/Encryption-KBs/OKM\\_keys\\_not\\_restored...](https://kb-cn-stage.netapp.com/on-prem/ontap/dm/Encryption/Encryption-KBs/OKM_keys_not_restored...)

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### 适用场景

- ONTAP 9
- 板载密钥管理器(OKM)
- NetApp存储加密(NSE)
- NetApp 卷加密 (NetApp Volume Encryption, NVE)

### 问题描述

将新节点添加到集群后、您可能会遇到以下情况：

- `security key-manager key show` 命令报告以下错误：

Error: One or more nodes have onboard key management keys that need to be restored. Run the "security key-manager onboard sync" command to restore the onboard key hierarchy on those nodes.

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- `disk encrypt modify`命令失败并EMS报告：

```
[node01: disk_admin: disk.encryptCmdFailed:error]: Encrypting disk <disk> failed  
disk encrypt modify command with error status Authentication key not found. (0xe).
```

- 聚合创建失败、并出现以下错误：

```
Failed to create aggregate "aggr_name" on "Node-01". Reason: Cannot generate  
encryption key. If using an external key manager, use the 'security key-manager  
external show-status' command to verify that the network configuration is correct  
and the key servers are reachable. If using the Onboard Key Manager, use the  
'security key-manager key query -key-type SVM-KEK' command to verify that the same  
SVM-KEKs are present on both the local and remote clusters.
```