



MetroCluster 一側缺少 svm-kek 密鑰

https://kb-cn-stage.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/svm-kek_keys_missint_on_one_sid...

Updated: Wed, 22 Apr 2026 04:07:08 GMT

适用于

- ONTAP 9
- OKM
- MCC

问题描述

- 切换回模拟失败，板载密钥管理器密钥不匹配：

```
cluster2::*> metrocluster switchback -simulate
[Job 783] Aborting the switchback operation...
[Job 783] Job failed: Failed to validate the node and cluster components before the
switchback operation. Use the "metrocluster operation show" command to view detailed
error information. Resolve the errors, then try the command again.
```

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```
cluster2::*> metrocluster operation show
```

```
Operation: switchback-simulate
```

```
State: failed
```

```
Start Time: 6/24/2025 14:01:01
```

```
End Time: 6/24/2025 14:01:31
```

```
Errors: Failed to validate the node and cluster components before the  
switchback operation.
```

```
cluster2 (overridable veto): Internal Error. Onboard Key Manager hierarchy  
key mismatch between peer clusters. The local and partner clusters do not have the  
same list of NSE-AK keys, SVM-KEK keys and CP-KEK keys.
```

- MetroCluster 的一側缺少 SVM 加密密鑰：

- 第1面：

```
cluster2::*> key query -key-type *SVM* -fields node,key-tag,key-type,key-id -key-tag  
svm4*
```

```
(security key-manager key query)
```

```
node      vsserver  key-server key-id                                     key-tag
```

```
key-type
```

```
-----
```

```
-----
```

```
-----
```

```
cluster2-01 cluster2 -
```

```
00000000000000000200000000000a006358e8a9949bdcc5062d5310cd99317f0000000000000000
```

```
svm4 SVM-KEK
```

```
cluster2-02 cluster2 -
```

```
00000000000000000200000000000a006358e8a9949bdcc5062d5310cd99317f0000000000000000
```

```
svm4 SVM-KEK
```

- 第2面：

```
cluster1::*> key query -key-type *SVM* -fields node,key-tag,key-type,key-id -key-tag  
svm4*
```

```
(security key-manager key query)
```

```
There are no entries matching your query.
```