



# 使用阵列 LUN 的 MetroCluster 配置中的交换机分区要求

## ONTAP MetroCluster

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# 使用多列 LUN 的 MetroCluster 配置中的交换机分区要求

在使用多列 LUN 的 MetroCluster 配置中使用交换机分区时，必须确保满足某些基本要求。

使用多列 LUN 的 MetroCluster 配置中的交换机分区要求如下：

- MetroCluster 配置必须遵循程序到目标分区方案。
  - 程序到目标分区会将每个分区限制为一个 FC 程序端口和一个目标端口。
- FC-VI 端口必须在网络中执行端到端分区。
- 与多个目标端口共享多个程序端口可能会出现性能问题。
  - 同样，与一个程序端口共享多个目标端口也可能出现性能问题。
- 必须已在 MetroCluster 配置中使用的 FC 交换机进行基本配置。

["手动配置 Cisco 或 Brocade FC 交换机"](#)

## 多列 LUN 的 MetroCluster 配置提供共享程序和共享目标支持

能够共享特定的 FC 程序端口或目标端口于希望最大程度地减少所用程序或目标端口数量的配置非常有用。例如，如果企业希望 FC 程序端口或目标端口的 I/O 使用率较低，可能更愿意共享 FC 程序端口或目标端口，而不是将每个 FC 程序端口用于一个目标端口。

但是，共享程序或目标端口可能会产生性能不利影响。

["如何在 MetroCluster 环境中支持使用多列 LUN 的共享程序和共享目标配置"](#)

- 交换机分区用于定义已接点之间的路径。通过配置分区，可以定义特定 ONTAP 系可以查看哪些多列 LUN。

["使用多列 LUN 的双点 MetroCluster 配置中的交换机分区示例"](#)

["使用多列 LUN 的四点 MetroCluster 配置中的交换机分区示例"](#)

["使用多列 LUN 的八点 MetroCluster 配置中的交换机分区示例"](#)

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