



# Additional restrictions and limitations

## ONTAP System Manager

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There are several additional restrictions and limitations when using the SnapMirror Business Continuity solution.

## Consistency groups

The maximum number of SnapMirror Synchronous consistency group relationships in a cluster is five, a limit which is platform-independent. If you reach or attempt to exceed this limit, the following message is displayed:

The number of SnapMirror Synchronous consistency group relationships in a cluster cannot exceed 5

## Volumes per consistency group

The maximum number of volumes supported per SnapMirror Synchronous consistency group relationship is twelve, a limit which is platform-independent. If you reach or attempt to exceed this limit, the following message is displayed:

The number of volumes in a SnapMirror Synchronous Consistency Group cannot exceed 12

## Volumes



The limit is on the number of endpoints and not the number of relationships. A consistency group with 12 volumes contributes 12 endpoints on both the source and destination. A SnapMirror Synchronous relationship with both source and destination volumes on the same HA pair contributes 2 endpoints.

The maximum endpoints per platform are included in the following table.

| S. No | Platform | Endpoints per HA for SM-BC | Overall sync and SM-BC endpoints per HA |
|-------|----------|----------------------------|---|
| 1     | AFF      | 60                         | 80                                      |
| 2     | ASA      | 60                         | 80                                      |

## SAN object limits

The following SAN object limits are included in the following table and apply regardless of the platform.

| Limits of objects in an SM-BC relationship                           | Count |
|--|-------|
| LUNs per volume  | 256   |
| LUN maps per node  | 2048  |
| LUN maps per cluster   | 4096  |
| LIFs per VServer (with at least one volume in an SM-BC relationship) | 256   |
| Inter-cluster LIFs per node  | 4     |
| Inter-cluster LIFs per cluster                                       | 8     |

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