# suspend ...

## SANtricity commands

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# suspend …

## Suspend asynchronous mirror group - SANtricity CLI

The `suspend asyncMirrorGroup` command suspends the synchronization of data on all mirrored pairs at the asynchronous mirror group level.

### Supported Arrays

This command applies to any individual storage array, including the E4000, E2700, E5600, E2800, E5700, EF600, and EF300 arrays, as long as all SMcli packages are installed.

### Roles

To execute this command on an E4000, E2800, E5700, EF600, or EF300 storage array, you must have the Storage Admin role.

### Context

This `suspend` command helps to reduce any performance impact to the host application that might occur while any changed data on the local storage array is copied to the remote storage array.

### Syntax

```
suspend asyncMirrorGroup [<em>asyncMirrorGroupName</em>]
```

### Parameters

| Parameter | Description |
| --- | --- |
| `asyncMirrorGroup` | The name of the asynchronous mirror group for which you want to suspend synchronization of data. Enclose the asynchronous mirror group name in square brackets ([ ]). If the asynchronous mirror group name has special characters or numbers, you must enclose the asynchronous mirror group name in double quotation marks (" ") inside square brackets. |

### Notes

When an asynchronous mirror group is in a suspended state, no attempt is made to copy data from the primary volumes to the secondary volumes of the mirrored pairs. Any writes to the primary side of the asynchronous mirror group are persistently logged in its associated mirror repository volumes. After the asynchronous mirror group is resumed, only the modified regions of the primary volumes are written to the secondary volumes.

### Minimum firmware level

7.84

11.80 adds EF600 and EF300 array support

# Suspend SSD cache - SANtricity CLI

The `suspend ssdCache` command temporarily stops caching for all of the volumes that are using the SSD cache.

### Supported Arrays

This command applies to any individual storage array, including the E4000, E2700, E5600, E2800, E5700, EF600, and EF300 arrays, as long as all SMcli packages are installed.

### Roles

To execute this command on an E4000, E2800, E5700, EF600, or EF300 storage array, you must have the Support Admin role.

### Context

While caching is stopped, host reads are serviced from the base volumes instead of from the SSD cache.

### Syntax

```
suspend ssdCache [<em>ssdCacheName</em>]
```

### Parameter

| Parameter | Description |
| --- | --- |
| `ssdCache` | The name of the SSD cache that you want to suspend. Enclose the SSD cache name in square brackets ([ ]). If the SSD cache name has special characters or numbers, you must enclose the SSD cache name in double quotation marks (" ") inside square brackets. |

### Notes

To restart caching, use the `resume ssdCache` command.

### Minimum firmware level

7.84

11.80 adds EF600 and EF300 array support

# Suspend synchronous mirroring - SANtricity CLI

The `suspend syncMirror primaries` command suspends a synchronous mirroring operation.

## Supported Arrays

This command applies to any individual storage array, including the E4000, E2700, E5600, E2800, and E5700 arrays, as long as all SMcli packages are installed.

## Roles

To execute this command on an E4000, E2800, or E5700 storage array, you must have the Storage Admin role.

## Context

In previous versions of this command the feature identifier was `remoteMirror`. This feature identifier is no longer valid and is replaced by `syncMirror`.

## Syntax

```
suspend syncMirror (primary [<em>primaryVolumeName</em>]
primaries [<em>primaryVolumeName1</em> ... <em>primaryVolumeNameN</em>)]
[writeConsistency=(TRUE | FALSE)]
```

## Parameters

| Parameter | Description |
| --- | --- |
| `primary` | The name of the primary volume for which you want to suspend operation. Enclose the volume name in square brackets ([ ]). If the volume name has special characters or numbers, you must enclose the volume name in double quotation marks (" ") inside square brackets. |

| Parameter | Description |
| --- | --- |
| `primaries` | The names of several primary volumes for which you want to suspend operations. All of the volumes will have the same properties. Enter the names of the volumes using these rules:<br>• Enclose all of the names in square brackets ([ ]).<br>• Separate each of the names with a space.<br>If the volume names have special characters or numbers, enter the names using these rules:<br>• Enclose all of the names in square brackets ([ ]).<br>• Enclose each of the names in double quotation marks (" ").<br>• Separate each of the names with a space. |
| `writeConsistency` | This parameter defines whether the volumes identified in this command are in a write-consistency group or are separate. For the volumes in the same write-consistency group, set this parameter to `TRUE`. For the volumes that are separate, set this parameter to `FALSE`. |

## Notes

If you set the `writeConsistency` parameter to `TRUE`, the volumes must be in a write-consistency group (or groups). This command suspends all write-consistency groups that contain the volumes. For example, if volumes A, B, and C are in a write-consistency group and they have remote counterparts A', B', and C', the command:

```
suspend syncMirror volume ["A"] writeConsistency=TRUE
```

suspends A-A', B-B', and C-C'. If you have a write-consistency group 1={A, B, C} and write-consistency group 2={D, E, F}, the command:

```
suspend syncMirror volumes ["A" "D"] writeConsistency=TRUE
```

suspends both write-consistency groups.

## Minimum firmware level

6.10

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