

# How to do LUN Deallocation in Symmetrix DMX | How to do LUN Deallocation in DMX | Steps to do for LUN Deallocation in Symmetrix

## LUN De-allocation

Hello Guys,

Today we will let you know about the LUN deallocation procedure in **Symmetrix DMX**. To know about LUN Provisioning (<http://www.sanadmin.net/2016/04/Symmetrix-lun-provisioning.html>) in DMX, refer this link below

<http://www.sanadmin.net/2016/04/Symmetrix-lun-provisioning.html>



### Symmetrix DMX LUN De-Allocation

([https://4.bp.blogspot.com/-](https://4.bp.blogspot.com/-o58aprQ3WLE/VybnqUHI7oI/AAAAAAAAAB80/E4HOB6WFkMkhyXGB5_Wcv_gh-WxL7KCKgCLcB/s1600/de.PNG)

[o58aprQ3WLE/VybnqUHI7oI/AAAAAAAAAB80/E4HOB6WFkMkhyXGB5\\_Wcv\\_gh-WxL7KCKgCLcB/s1600/de.PNG](https://4.bp.blogspot.com/-o58aprQ3WLE/VybnqUHI7oI/AAAAAAAAAB80/E4HOB6WFkMkhyXGB5_Wcv_gh-WxL7KCKgCLcB/s1600/de.PNG))

Symmetrix DMX LUN Deallocation

Steps:

Below are the 5 simple steps to perform the **LUN deallocation** in Symmetrix DMX.

1. Unmasking
2. Write disable
3. Un-mapping
4. Dissolve meta
5. Deleting hypers

## Procedure:

### 1. Unmasking devices from the host, by using the below command

```
Symmaskdb -sid XXX -wnn 10000003efgae62 -dir 6d - p 1 remove devs  
27CA
```

### Refresh the symmetrix array, by using the command

```
Symmask -sid XXX -refresh
```

### 2. Write disable the device before unmapping from the director port, by using the below command

```
Symdev -sid XXX write -disable 27CA -sa 6d -p 1 -noprompt
```

### 3. Open a text file to unmap the devices, by using the command

```
Unmap dev 27CA from dir all;all
```

### Perform preview, prepare and commit operations using symconfigure command

```
Symconfigure -sid XXX -f "name of the text file" -v -nop preview
```

```
Symconfigure -sid XXX -f "name of the text file" -v -noprompt  
prepare
```

```
Symconfigure -sid XXX -f "name of the text file" -v -noprompt  
commit
```

### Verify that the device has been unmapped or not, by using the below command

```
Symdev -sid XXX list -noport
```

### 4. Open a text file to dissolve the meta head, by using the command

```
Dissolve meta dev 27CA;
```

Perform preview, prepare and commit operations using symconfigure command

```
Symconfigure -sid XXX -f "name of the text file" -v -nop preview
```

```
Symconfigure -sid XXX -f "name of the text file" -v -noprompt  
prepare
```

```
Symconfigure -sid XXX -f "name of the text file" -v -noprompt  
commit
```

Verify that the meta has been dissolve.

```
Symdev -sid XXX list -noport
```

5. Open a text file to delete the device, by using the command

```
Delete dev 27CA;
```

Perform preview, prepare and commit operations using symconfigure command

```
Symconfigure -sid XXX -f "name of the text file" -v -nop preview
```

```
Symconfigure -sid XXX -f "name of the text file" -v -noprompt  
prepare
```

```
Symconfigure -sid XXX -f "name of the text file" -v -noprompt  
commit
```

Verify that hypers have been deleted.

```
Symdev -sid XXX list - noport
```

EMC Storage Product (<http://www.sanadmin.net/2016/04/EMC-Storage-Products-guide.html>) list detailed are mentioned, to know more details about FC SAN Switch installation procedure, click the link below

<http://www.sanadmin.net/2015/11/san-switch-installation.html>

(<http://www.sanadmin.net/2015/11/san-switch-installation.html>)

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