



# Creating an LVM entity and specifying the LUN

## Snapdrive for Unix

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January 21, 2021

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# Creating an LVM entity and specifying the LUN

You can create a host entity such as a file system, logical volume, or disk group and specify the LUN that is created as part of it.

## Steps

1. At the command line, enter the following command:

```
snapdrive storage create -host_lvm_fs_spec -lun long_lun_name [lun_name...]  
-lunsize size [-igroup ig_name [ig_name...]] [{ -reserve | -nreserve }]
```

This example creates the file system /mnt/acctfs with file system depending on your host. It sets up three LUNs on the storage system acctfiler. Each LUN is 10 GB:

```
# snapdrive storage create -fs /mnt/acctfs -fstype jfs2 -lun  
acctfiler:/vol/vol1/lunA lunB lunC -lunsize 10g
```

```
LUN acctfiler:/vol/vol1/lunA ... created  
LUN acctfiler:/vol/vol1/lunB ... created  
LUN acctfiler:/vol/vol1/lunC ... created  
mapping new lun(s) ... done  
discovering new lun(s) ... done  
LUN to device file mappings:  
- acctfiler:/vol/vol1/lunA => hdisk2  
- acctfiler:/vol/vol1/lunB => hdisk3  
- acctfiler:/vol/vol1/lunC => hdisk4  
disk group acctfs_SdDg created  
host volume acctfs_SdHv created  
file system /mnt/acctfs created
```

```
LUN acctfiler:/vol/vol1/lunA ... created  
LUN acctfiler:/vol/vol1/lunB ... created  
LUN acctfiler:/vol/vol1/lunC ... created  
mapping new lun(s) ... done  
discovering new lun(s) ... done  
LUN to device file mappings:  
- acctfiler:/vol/vol1/lunA => /dev/vx/rdmp/c4t0d3s2  
- acctfiler:/vol/vol1/lunB => /dev/vx/rdmp/c4t0d7s2  
- acctfiler:/vol/vol1/lunC => /dev/vx/rdmp/c4t0d8s2  
disk group acctfsvg created  
host volume acctfshv created  
file system /mnt/acctfs created
```

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