

Be careful before using the write command.

Device does not contain a recognized partition table.
Created a new DOS disklabel with disk identifier 0x6a1cf69e.

Command (m for help): **n**

Partition type

p primary (0 primary, 0 extended, 4 free)
 e extended (container for logical partitions)

Select (default p): **p**

Partition number (1-4, default 1):

First sector (2048-41943039, default 2048):

Last sector, +sectors or +size{K,M,G,T,P} (2048-41943039, default 41943039):

Created a new partition 1 of type 'Linux' and of size 20 GiB.

Command (m for help): **wq**

The partition table has been altered.

Calling ioctl() to re-read partition table.

itso-sles12-powerha-n-1:/dev/mapper # ls | grep part

DATA1-part1

DATA2-part1

DATA3-part1

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28. Create a physical volume on the partition by using the **pvcreate** command, as shown in Example 11-42.

Example 11-42 Creating the physical volumes using the pvcreate command

itso-sles12-powerha-n-1:~ # pvcreate /dev/mapper/DATA1-part1

Physical volume "/dev/mapper/DATA1-part1" successfully created

itso-sles12-powerha-n-1:~ # pvcreate /dev/mapper/DATA2-part1

Physical volume "/dev/mapper/DATA2-part1" successfully created

itso-sles12-powerha-n-1:~ # pvcreate /dev/mapper/DATA3-part1

Physical volume "/dev/mapper/DATA3-part1" successfully created

itso-sles12-powerha-n-1:~ # pvdisplay

--- Physical volume ---

PV Name	/dev/mapper/ROOTVG-part3
VG Name	rootvg
PV Size	47.50 GiB / not usable 3.00 MiB
Allocatable	yes
PE Size	4.00 MiB
Total PE	12160
Free PE	1
Allocated PE	12159
PV UUID	bYkVrQ-X9zt-iaiH-bfyc-p10X-XLLa-zAZtcD

"/dev/mapper/DATA2-part1" is a new physical volume of "20.00 GiB"

--- NEW Physical volume ---

PV Name	/dev/mapper/DATA2-part1
VG Name	
PV Size	20.00 GiB
Allocatable	NO
PE Size	0
Total PE	0
Free PE	0