



# Supported partition devices

## Snapdrive for Unix

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SnapDrive for UNIX 5.0 or later provides storage partitioning in Linux for multipathing and non-multipathing environment.

You must follow the guidelines to partition storage devices with SnapDrive for UNIX.

When you are using Logical Volume Manager with Linux, you must use non-partitioned LUNs.

The following tables provide partition information and how it can be enabled for different operating systems:

Operating system	Single partition	Multiple partition	Non-partition devices	File system or RAW devices
Red Hat Enterprise Linux 5x or Oracle Enterprise Linux 5x	Yes	No	No	ext3*
Red Hat Enterprise Linux 6x or Oracle Enterprise Linux 6x	Yes	No	No	ext3 or ext4*
SUSE Linux Enterprise Server 11	Yes	No	No	ext3*
SUSE Linux Enterprise Server 10	No	No	Yes	ext3***
Red Hat Enterprise Linux 5x or later or Oracle Enterprise Linux 5x or later	Yes	No	Yes	ASM with ASMLib**

Operating system	Single partition	Multiple partition	Non-partition devices	File system or RAW devices
SUSE Linux Enterprise Server 10 SP4  or  SUSE Linux Enterprise Server 11	Yes	No	Yes	ASM with ASMLib**
SUSE Linux Enterprise Server 10 SP4 or later  or  SUSE Linux Enterprise Server 11	Yes	No	No	ASM without ASMLib**

\*

For a non-MPIO environment, enter the following command: **`sfdisk -uS -f -L -q /dev/device_name`**

For an MPIO environment, enter the following commands:

- **`sfdisk -uS -f -L -q /dev/ device_name`**
- **`kpartx -a -p p /dev/mapper/ device_name`**

\*\*

For a non-MPIO environment, enter the following command: **`fdisk /dev/device_name`**

For an MPIO environment, enter the following commands:

- **`fdisk /dev/mapper/device_name`**
- **`kpartx -a -p p /dev/mapper/device_name`**

\*\*\*

Not applicable.

\*\*\*\*

For an MPIO environment, enter the following command:

- **`kpartx -a -p p /dev/$kernel`**

## **General considerations**

The Snapshot copies created in SnapDrive for UNIX 4.2 are based on partitioned devices. These Snapshot copies can be restored, connected, and supported in SnapDrive for UNIX 5.0 and later versions.

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