**Configure systems to mount file systems at boot by Universally Unique ID (UUID) or label.**

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**Mount with UUID**

**UUID** stands for **U**niversal **U**nique **ID**. It is 128-bit value that uniquely identifies a disk or partition of a disk.

To get the list of disk **UUID**, type:

# blkid

To define the disk or partition that you want to mount (here **lv\_vol**) and append it to the **/etc/fstab** file, type:

# blkid | grep lv\_vol >> /etc/fstab

Then, edit the **/etc/fstab** file and change the new added line with the correct parameters (here **/mnt** as mount point, **ext4** as file system type, etc).

UUID=".." /mnt ext4 defaults 1 2

To mount the disk or partition, type:

# mount /mnt

**Mount with label**

In addition to **UUID**, a disk or a partition of a disk can receive a label. It is a string of at most **16** characters long in the case of ext2/ext3/ext4.

To assign a label to a disk or partition (here **/dev/vdb1**), type:

# e2label /dev/vdb1 TEST

or

# tune2fs -L TEST /dev/vdb1

To get the label associated with a disk or a partition (here **/dev/vdb1**), type:

# e2label /dev/vdb1

TEST

To mount an **ext4** formatted partition (here **/dev/vdb1**), edit the **/etc/fstab** file and paste the following line:

LABEL=TEST /mnt ext4 defaults 1 2

To mount the disk or partition, type:

# mount /mnt