

Disk check threshold

```
[ $1 v adha scripts]# df -h $5
```

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	4.0M	0	4.0M	0%	/dev
tmpfs	871M	0	871M	0%	/dev/shm
tmpfs	349M	7.3M	342M	3%	/run
efivarfs	256K	56K	196K	23%	/sys/firmware/efi/efivars
/dev/nvme0n1p2	10G	8.4G	1.6G	85%	/
/dev/nvme0n1p1	511M	7.1M	504M	2%	/boot/efi
/dev/nvme0n1p3	4.0G	66M	3.9G	2%	/home
tmpfs	175M	52K	175M	1%	/run/user/42
tmpfs	175M	36K	175M	1%	/run/user/0
overlay	10G	8.4G	1.6G	85%	/var/lib/docker/overlay2/82
36486d444f517f69f/merged					
overlay	10G	8.4G	1.6G	85%	/var/lib/docker/overlay2/co
d0e514f29db50ac8b/merged					

Ignore header

```
#!/bin/bash

threshold=80
df -h | tail -n +2 > file.txt

while IFS= read -r line
do
    usage=$(echo "$line" | awk '{print $5}' | sed 's/%//')
    file_sys=$(echo "$line" | awk '{print $1}')

    if [ "$usage" -gt "$threshold" ]
    then
        echo "attention the disk \"$file_sys\" exceed the threshold with value \"$usage\""
    else
        echo "Disk \"$file_sys\" is OK with usage \"$usage\""
    fi
done < file.txt
```

```
[root@dev adhamscripts]# vim disk_chk_threshold.sh
[root@dev adhamscripts]# chmod +x disk_chk_threshold.sh
[root@dev adhamscripts]# ./disk_chk_threshold.sh
Disk devtmpfs is OK with usage 0
Disk tmpfs is OK with usage 0
Disk tmpfs is OK with usage 3
Disk efivarfs is OK with usage 23
attention the disk /dev/nvme0n1p2 exceed the threshold with value 85
Disk /dev/nvme0n1p1 is OK with usage 2
Disk /dev/nvme0n1p3 is OK with usage 2
Disk tmpfs is OK with usage 1
Disk tmpfs is OK with usage 1
attention the disk overlay exceed the threshold with value 85
attention the disk overlay exceed the threshold with value 85
```

```
[root@dev adhamscripts]# cat file.txt
devtmpfs      4.0M      0  4.0M    0% /dev
tmpfs         871M      0  871M    0% /dev/shm
tmpfs         349M    7.3M  342M    3% /run
efivarfs      256K     56K  196K   23% /sys/firmware/efi/efivars
/dev/nvme0n1p2  10G    8.4G  1.6G   85% /
/dev/nvme0n1p1  511M    7.1M  504M    2% /boot/efi
/dev/nvme0n1p3  4.0G    66M  3.9G    2% /home
tmpfs         175M    52K  175M    1% /run/user/42
tmpfs         175M    36K  175M    1% /run/user/0
overlay       10G    8.4G  1.6G   85% /var/lib/docker/overlay2/82bda7
36486d444f517f369f/merged
overlay       10G    8.4G  1.6G   85% /var/lib/docker/overlay2/cdf528
d0e514f29db50a3c8b/merged
[root@dev adhamscripts]# █
```