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Linux Rescan HP Smart Array For New Disks

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How do I rescan an HP Smart Array for new disks without rebooting in CentOS or Debian or RHEL server?

HP Smart Array uses CCISS driver which is part of Linux kernel itself.

Hot plugging of SCSI tape and disk drives is supported. The cciss driver must be informed that changes to the SCSI bus have been made. This may be done via the /proc filesystem.

[1]

Rescan HP Smart Array

Type the following command:

```
echo "rescan" > /proc/driver/cciss/cciss0
```

To add an individual device with:

```
echo scsi add-single-device C B T L > /proc/scsi/scsi
```

Replace C B T L with actual values:
Where,

1. **C** controller
2. **B** bus
3. **T** target
4. **L** lun

For example to add a device on controller 3, bus 2, target 1, lun 0, enter:

```
echo "scsi add-single-device 3 2 1 0" > /proc/scsi/scsi
```

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