

Creating a Partition Larger than 2TB on Linux with Parted

By Gary Kuhlmann

April 12, 2014

Categories: *Linux*

First, find out the size of the disk by typing the following command:

Spyderserve Web Development

Then, to create a partition start GNU parted as follows:

```
parted /dev/sdb
```

Creates a new GPT disklabel i.e. partition table:

```
(parted) mklabel gpt
```

Next, set the default unit to TB, enter:

```
(parted) unit TB
```

To create a 3TB partition size, enter:

```
(parted) mkpart primary 0.00TB 3.00TB
```

To print the current partitions, enter:

```
(parted) print
```

Quit and save the changes, enter:

```
(parted) quit
```

Use the `mkfs.ext3` or `mkfs.ext4` command to format the file system, enter:

```
# mkfs.ext3 /dev/sdb1
```

OR

```
# mkfs.ext4 /dev/sdb1
```

Source: <http://www.cyberciti.biz/tips/fdisk-unable-to-create-partition-greater-2tb.html>

Products and Services

Turnkey Website Solution

Search Engine Consulting

Website Maintenance

Recent Blog Posts

Announcing the Re-Launch of colsonbusinesssystems.com

Announcing the Launch of BrandSouth.net

Announcing the Launch of hookahero.com

more

Spyderserve PO Box 5831 Valdosta, Georgia 31603 United States