



Motadata TAR Installation

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1 Introduction

Motadata Tar uses Ubuntu server as the base platform to run. The system needs Btrfs partition with minimum size of 50 GB (recommended) for database. For this, you'll need to install the Ubuntu normally but with Btrfs partition.

As Ubuntu is an open source operating system and we recommend you to download the supported version from their official website. After the download, follow all their steps, till partition. Here, we assume that you are doing a fresh installation on a new machine.

From the partition screen, we'll start to make Btrfs partition.

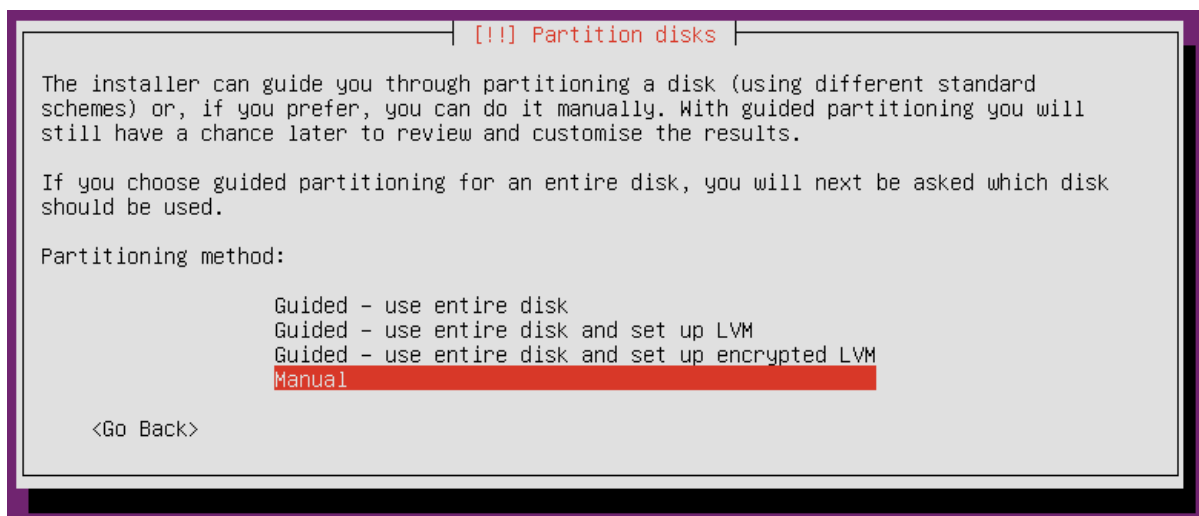
Note: The current supported Ubuntu is: 16.04.6 LTS Server. The appropriate audience for this document is end-users. Ask a Motadata professional to get the latest tar file.

Types of deployment supported:

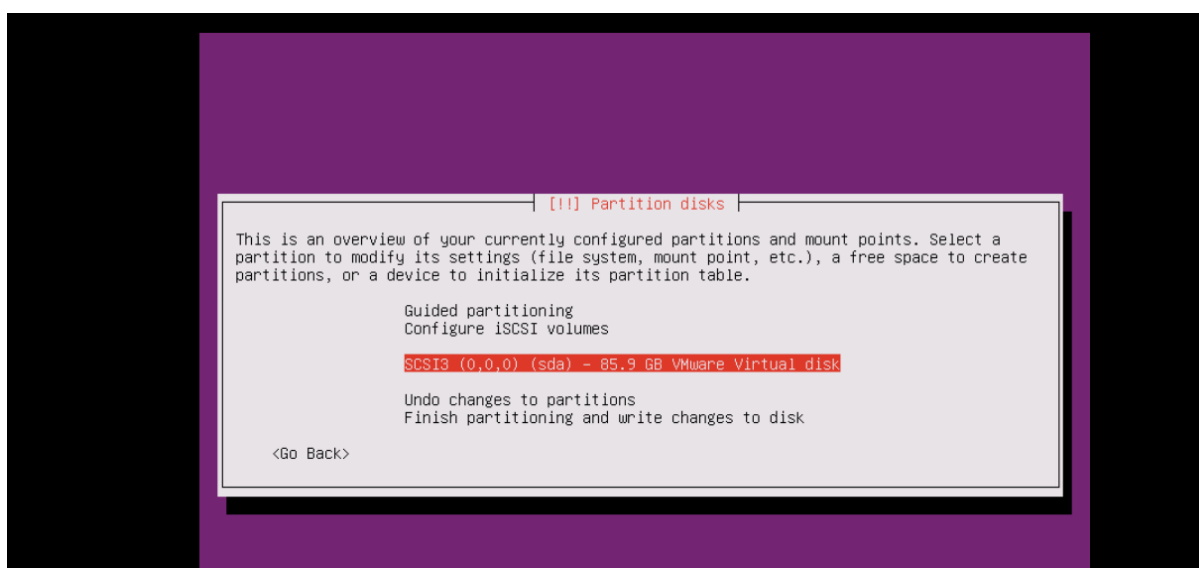
- Single box deployment
- Distributed mode deployment

2 Create Btrfs Partition

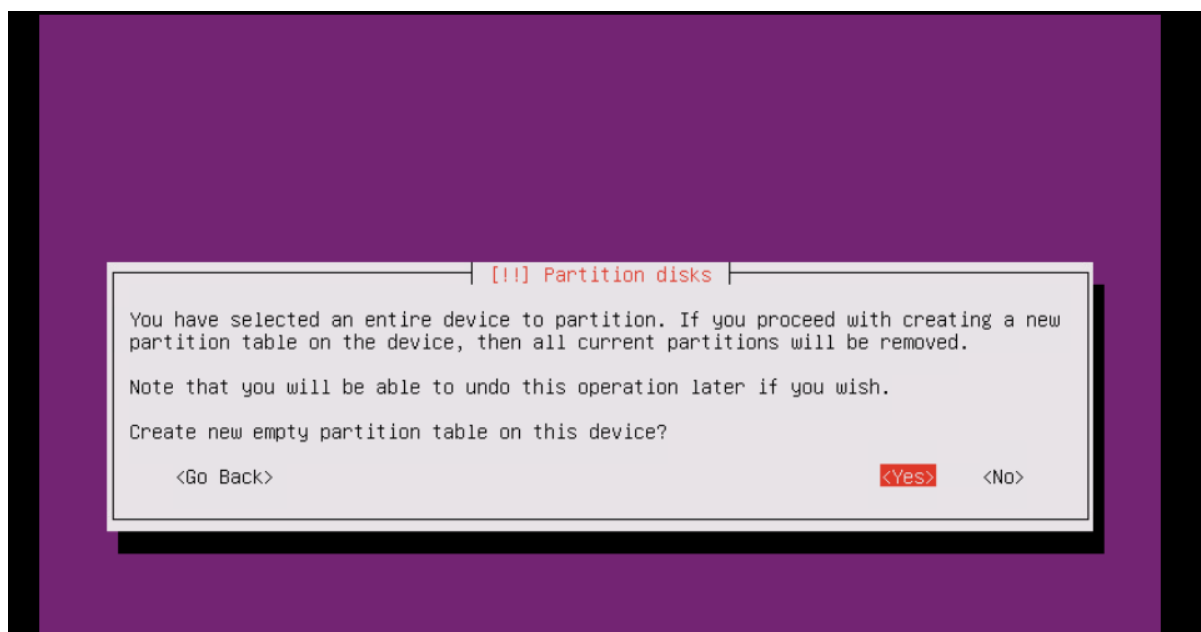
You'll get option to choose the partition. Select **Manual**.



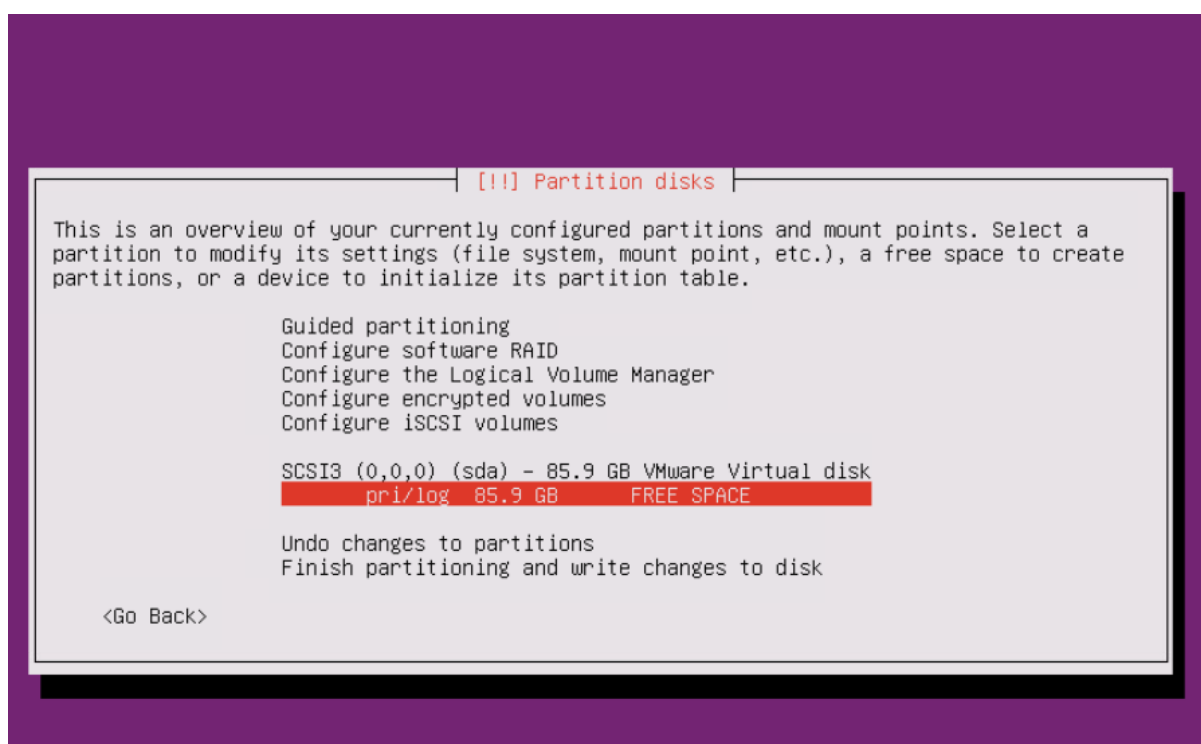
Choose the SCSI3 option. The name could be different in your machine. Here, we are selecting the hard disk that we are using.



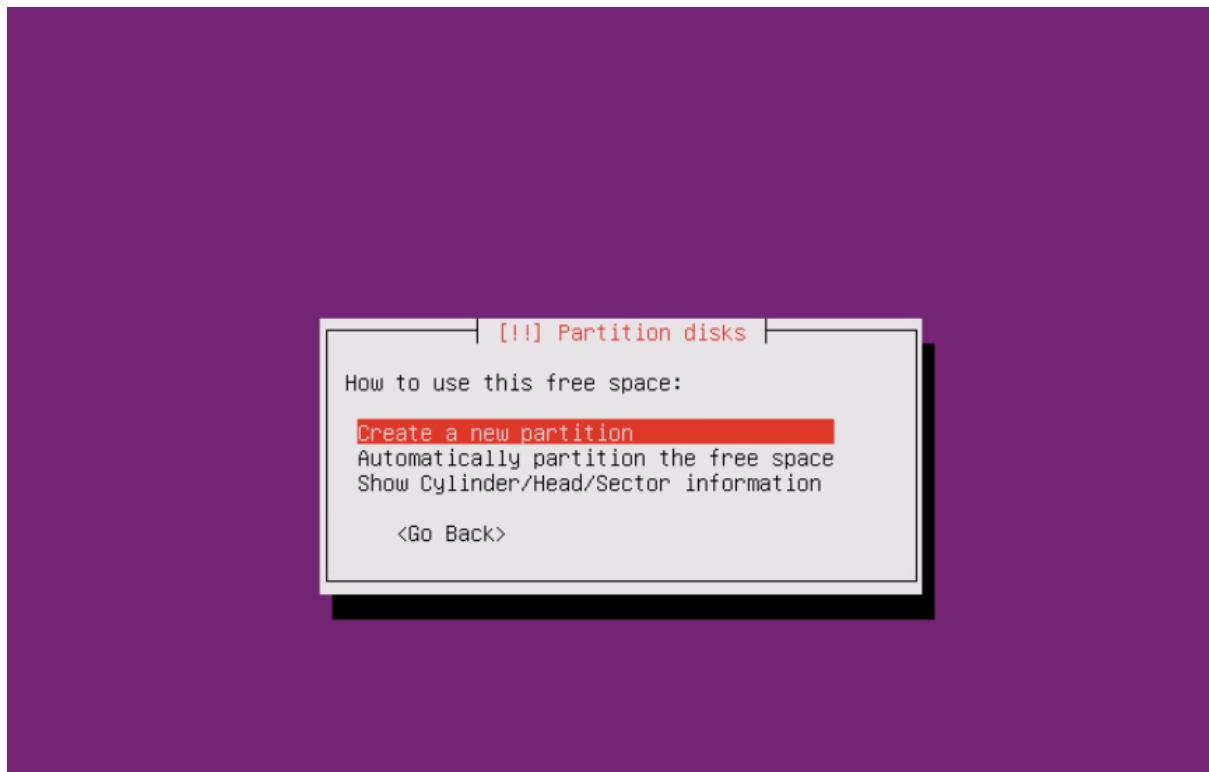
Click **'Yes'** to create new partition. It will remove all other partitions if existing on disk.



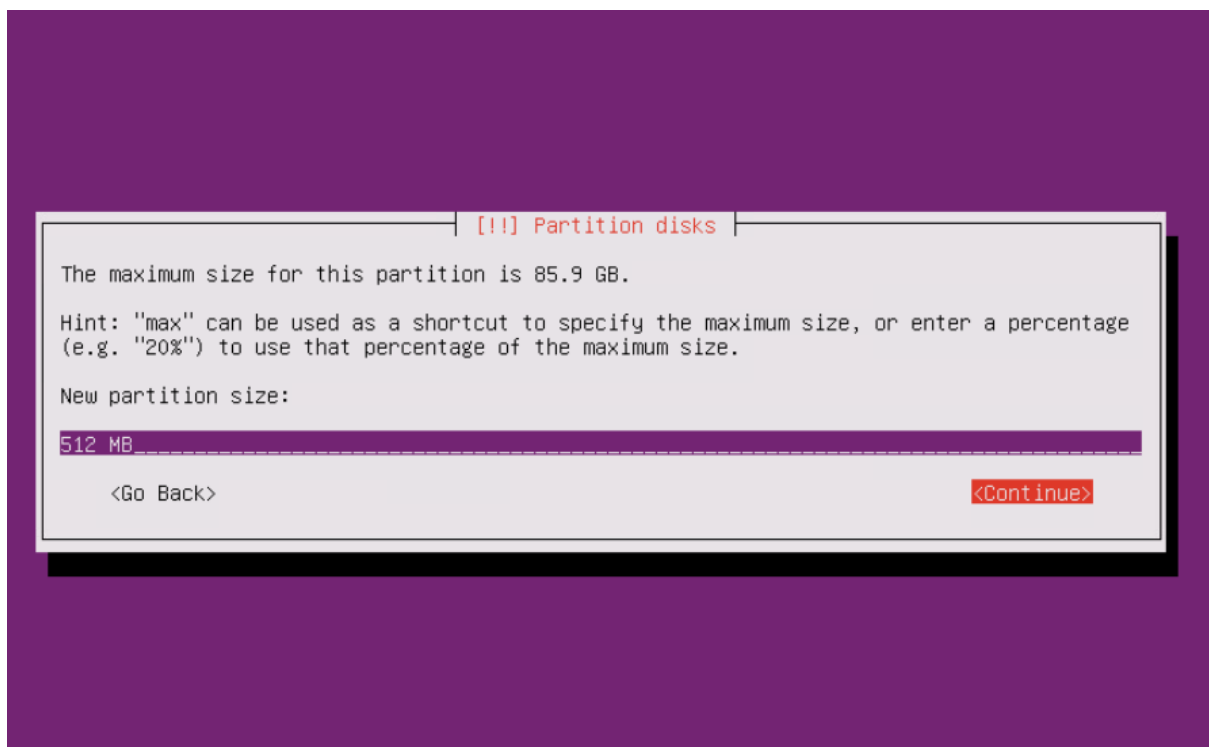
Select the free space available in SCSI3 partition. If your system shows different name, select accordingly.



Select 'Create a new partition'.



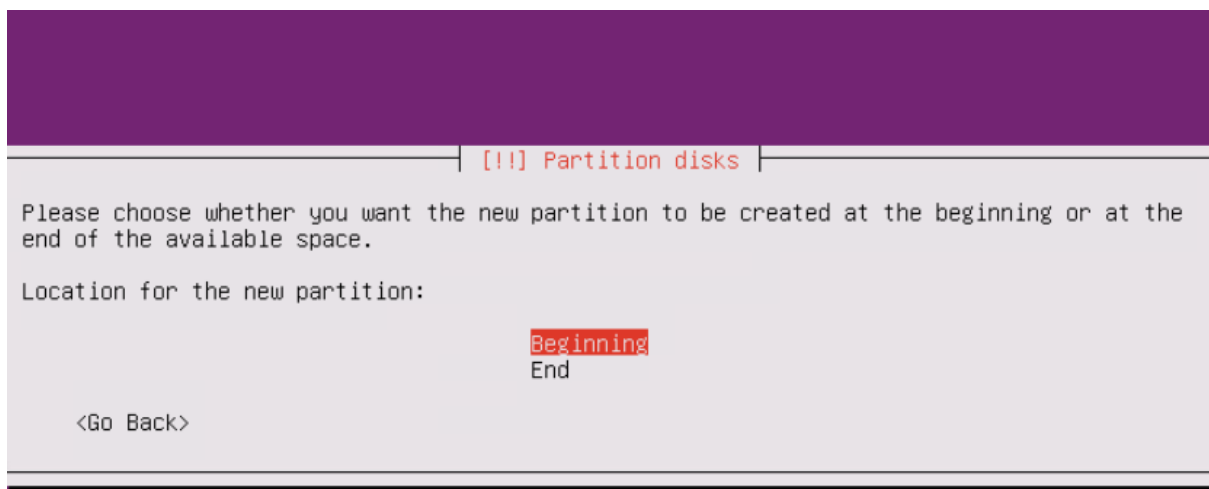
Create a root partition of the required size. Ask our deployment professional for the recommended value (based on your requirement).



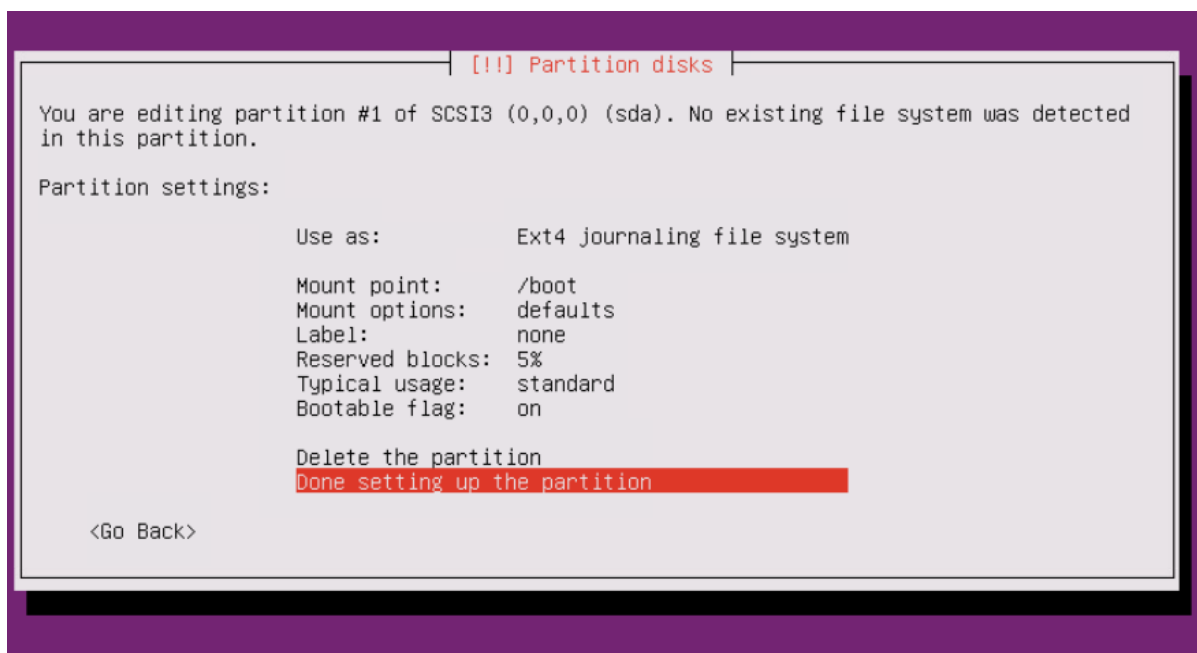
Select the type of partition as: 'Primary'.



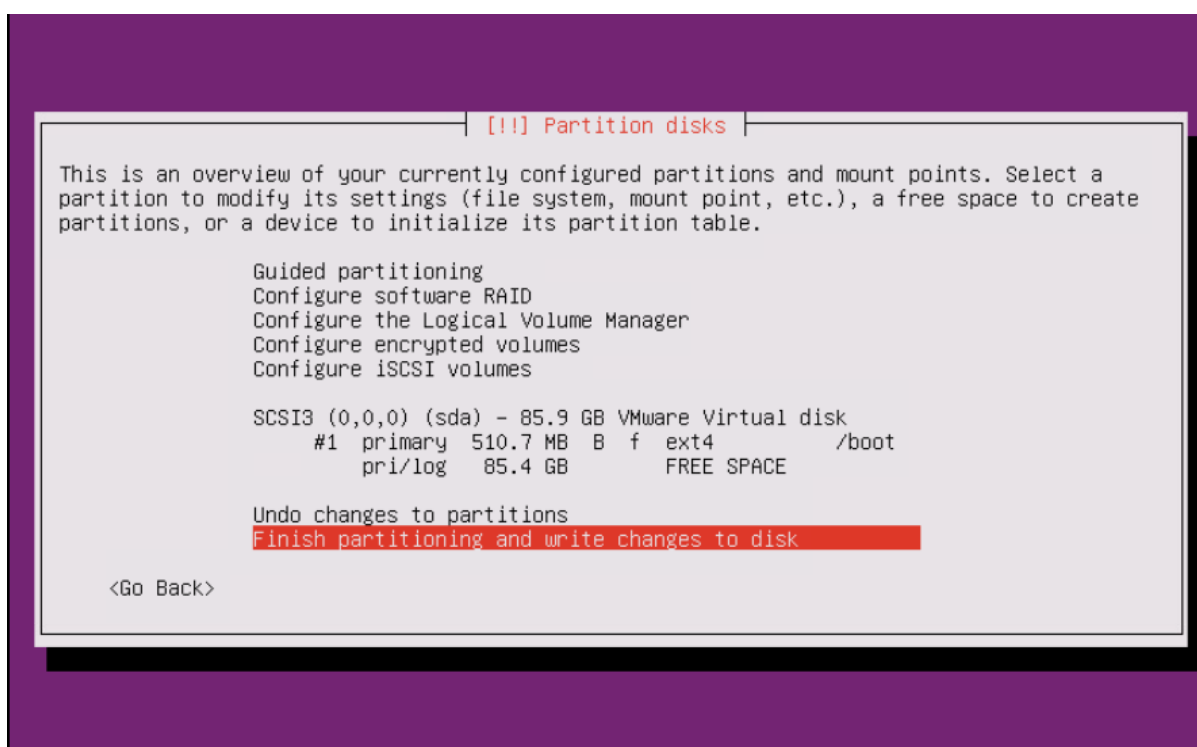
Select 'Beginning' to create this partition in beginning.



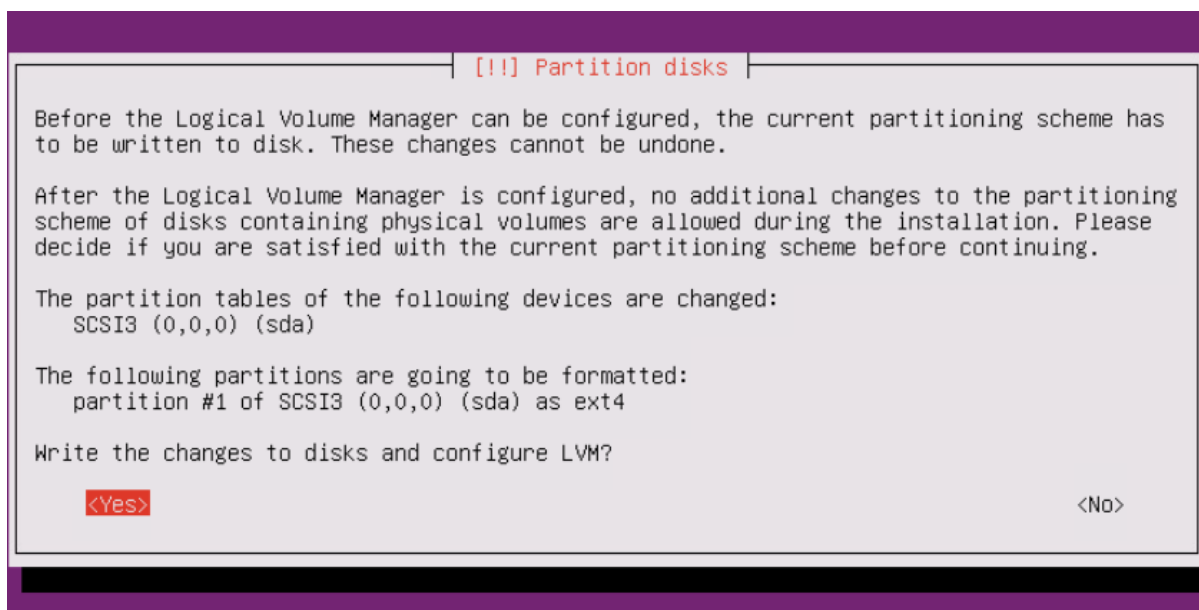
Select 'Done setting up the partition'.



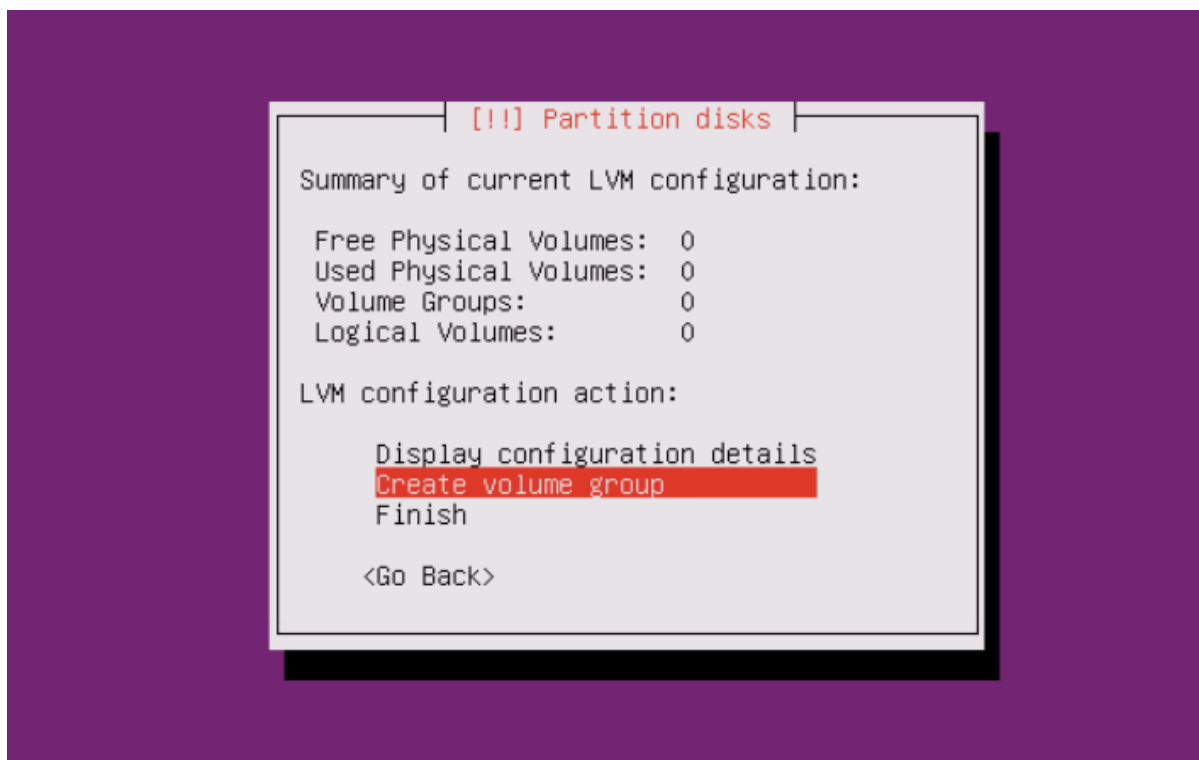
System will show the overview of currently configured partitions. Recheck everything and select 'Finish partitioning and write changes to disk'.



Select 'Yes' to confirm writing changes to disk.



Select 'Create Volume Group'. We'll use the rest of the partition for Motadata.



Enter the name of the new logical volume group.

```

[!!!] Partition disks

Please select the devices for the new volume group.

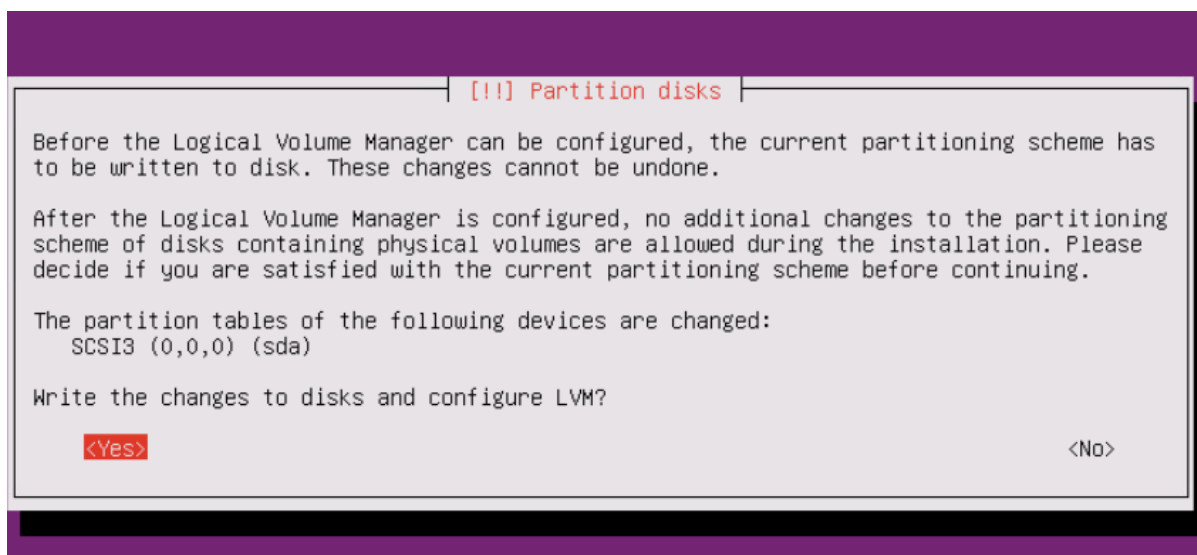
You can select one or more devices.

Devices for the new volume group:

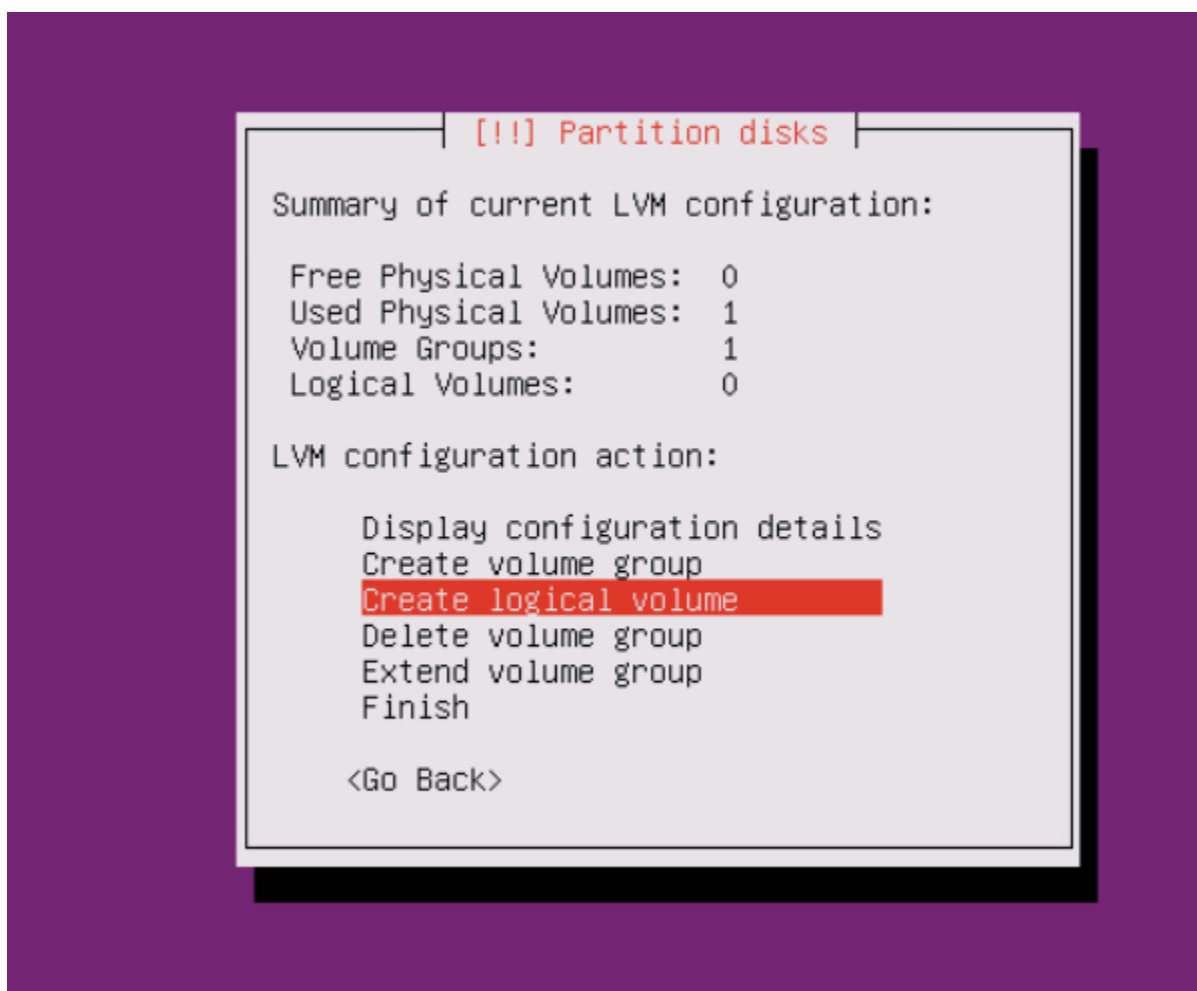
[ ] /dev/sda1                (510MB; ext4)
[*] /dev/sda free #1         (85387MB; FREE SPACE)

<Go Back>                    <Continue>

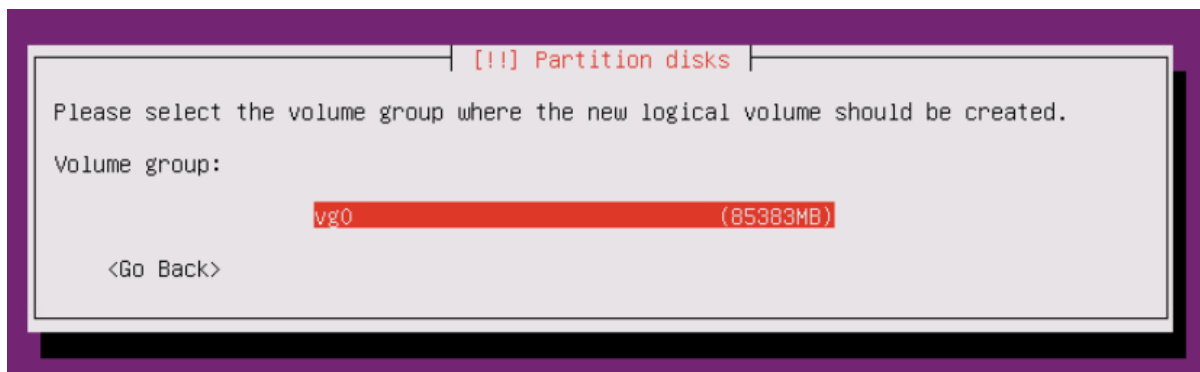
```



Select 'Create logical volume'.



Select the name of the volume group from given options.



!!! Partition disks

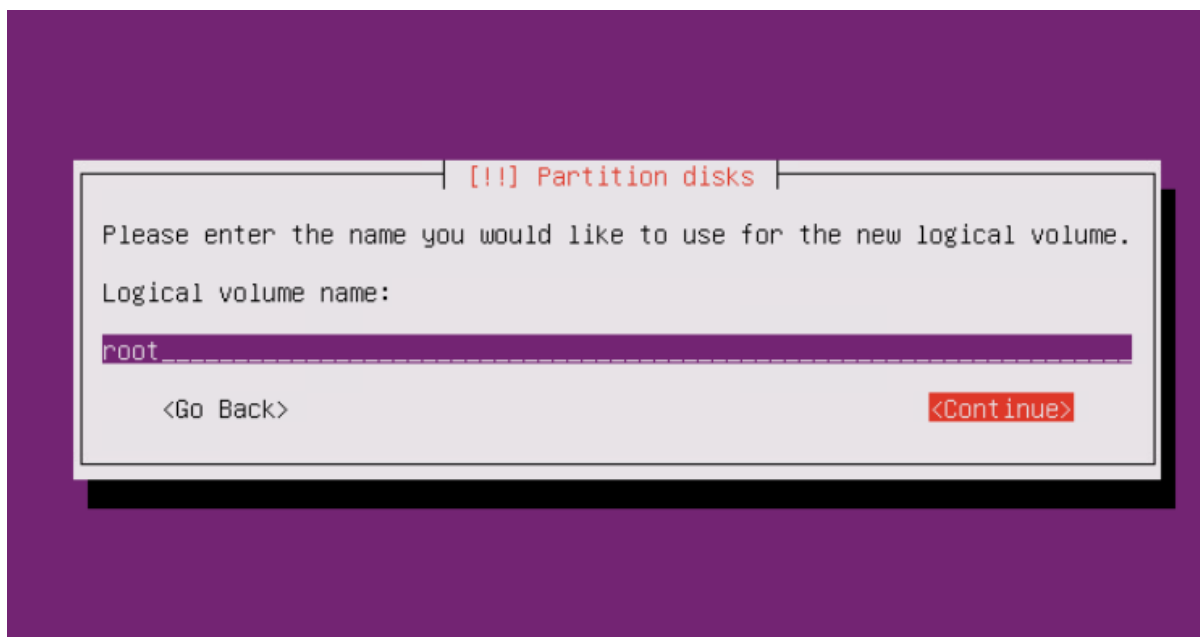
Please select the volume group where the new logical volume should be created.

Volume group:

vg0 (85383MB)

<Go Back>

Type the name of a logical volume in logical volume group. Recommended name is 'root'.



!!! Partition disks

Please enter the name you would like to use for the new logical volume.

Logical volume name:

root

<Go Back> <Continue>

Type the size of the root logical volume. Minimum recommended size is 15 GB.



!!! Partition disks

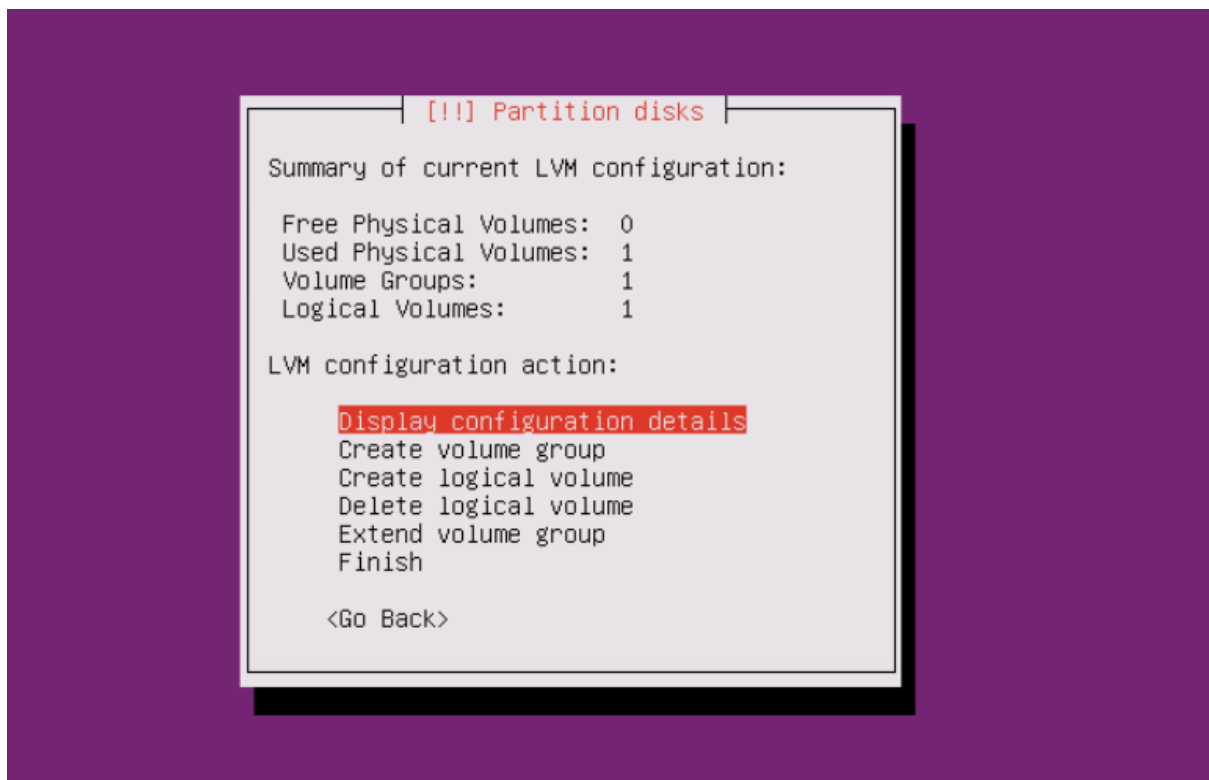
Please enter the size of the new logical volume. The size may be entered in the following formats: 10K (Kilobytes), 10M (Megabytes), 10G (Gigabytes), 10T (Terabytes). The default unit is Megabytes.

Logical volume size:

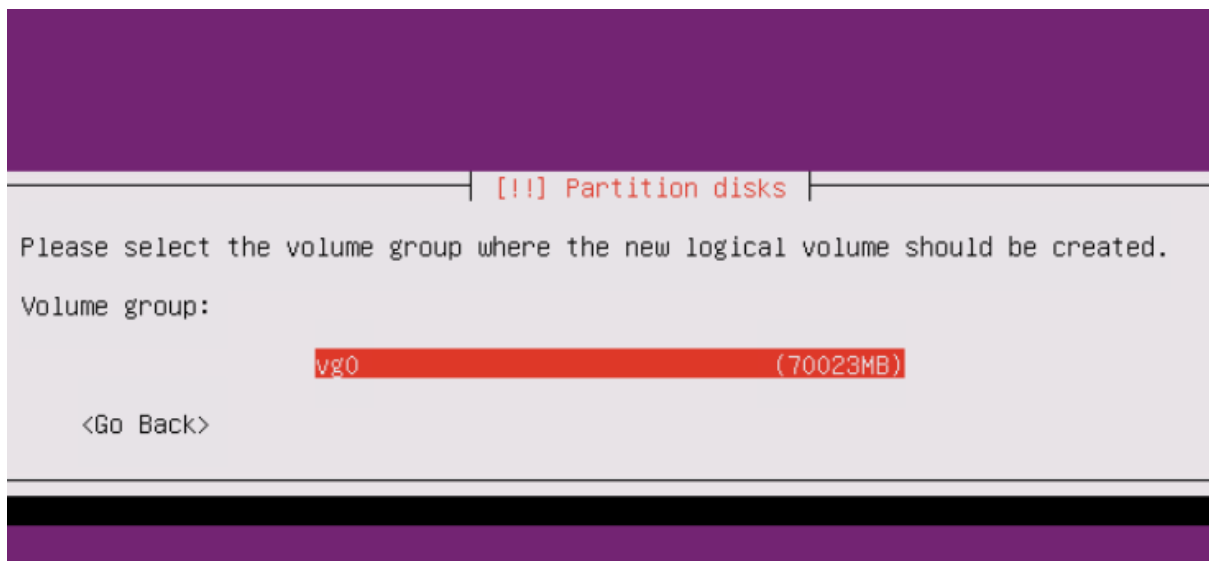
15360MB

<Go Back> <Continue>


Click on 'Display Configuration Details'



Select the volume group again.



Name the new logical volume. Recommended name is 'motadata'.



[[!]] Partition disks

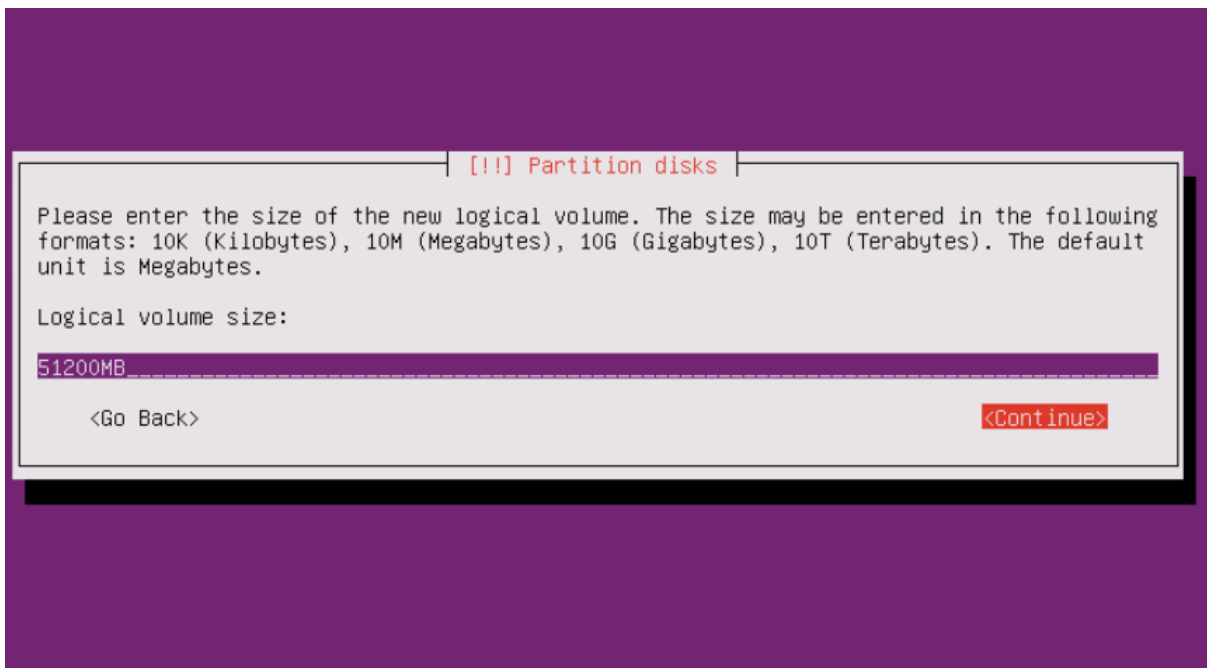
Please enter the name you would like to use for the new logical volume.

Logical volume name:

motadata

<Go Back> <Continue>

Choose the desired size as per consultation with our deployment professional. Minimum recommended size is 50 GB.



[[!]] Partition disks

Please enter the size of the new logical volume. The size may be entered in the following formats: 10K (Kilobytes), 10M (Megabytes), 10G (Gigabytes), 10T (Terabytes). The default unit is Megabytes.

Logical volume size:

51200MB

<Go Back> <Continue>

Again type the name of the new logical volume name. Recommended name is 'swap'.

!!! Partition disks

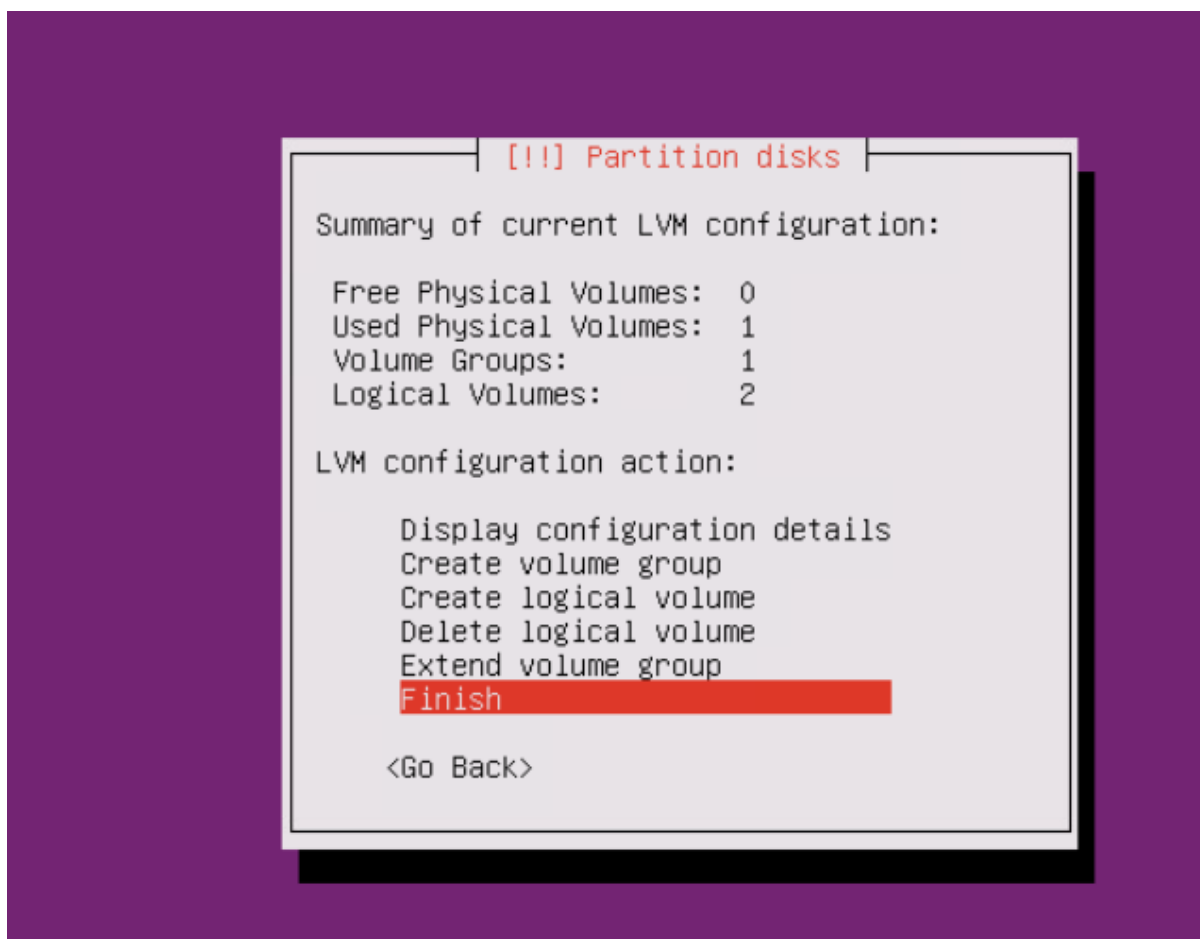
Please enter the size of the new logical volume. The size may be entered in the following formats: 10K (Kilobytes), 10M (Megabytes), 10G (Gigabytes), 10T (Terabytes). The default unit is Megabytes.

Logical volume size:

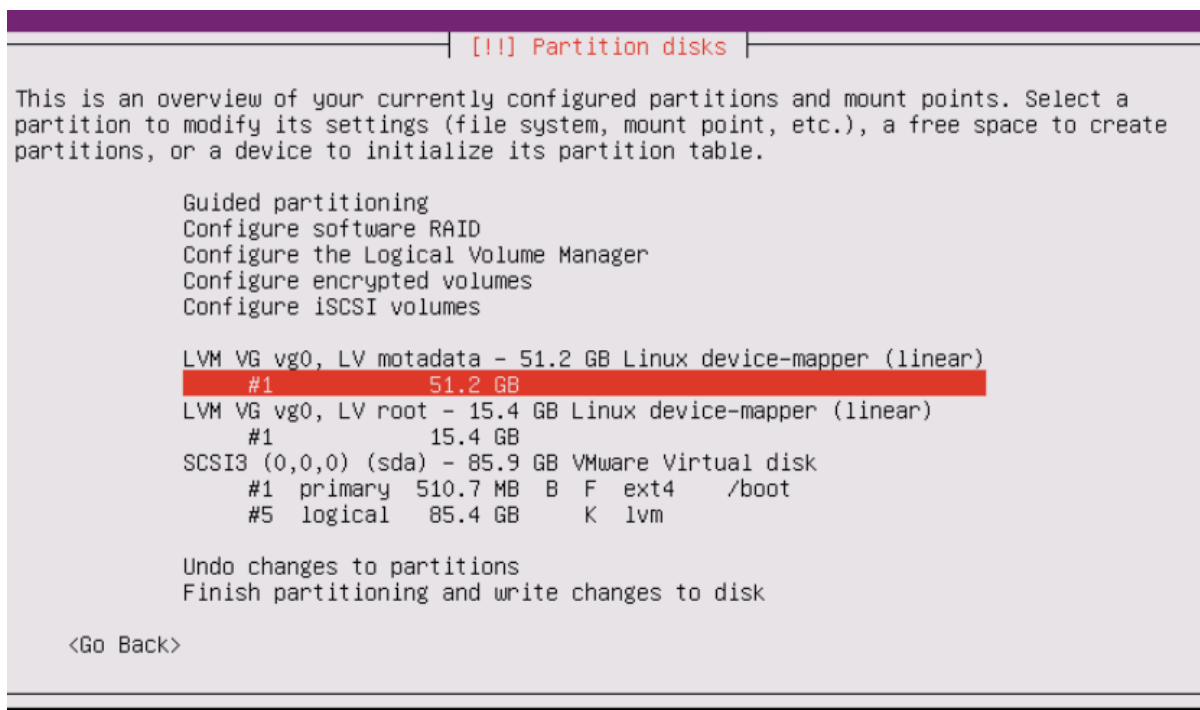
8000MB

<Go Back>

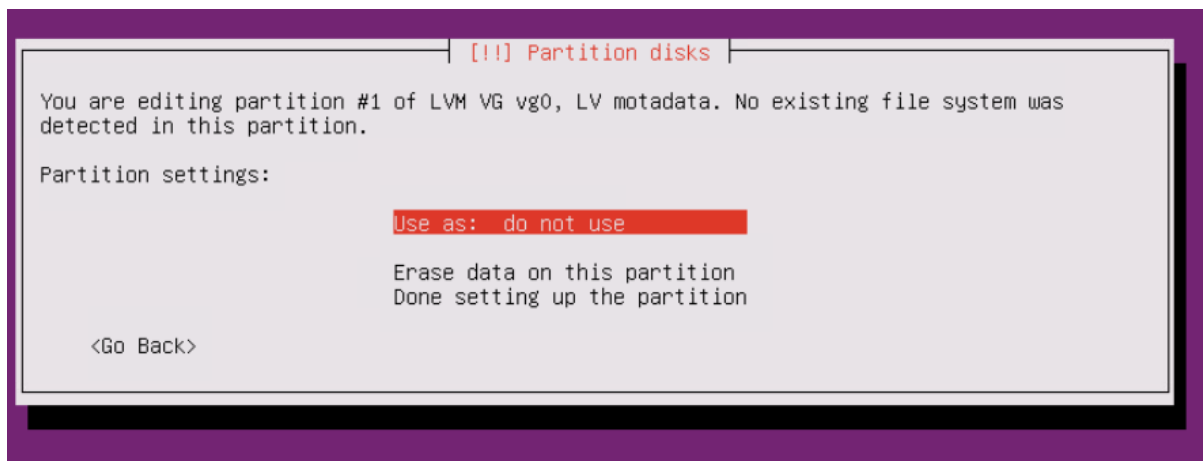
<Continue>



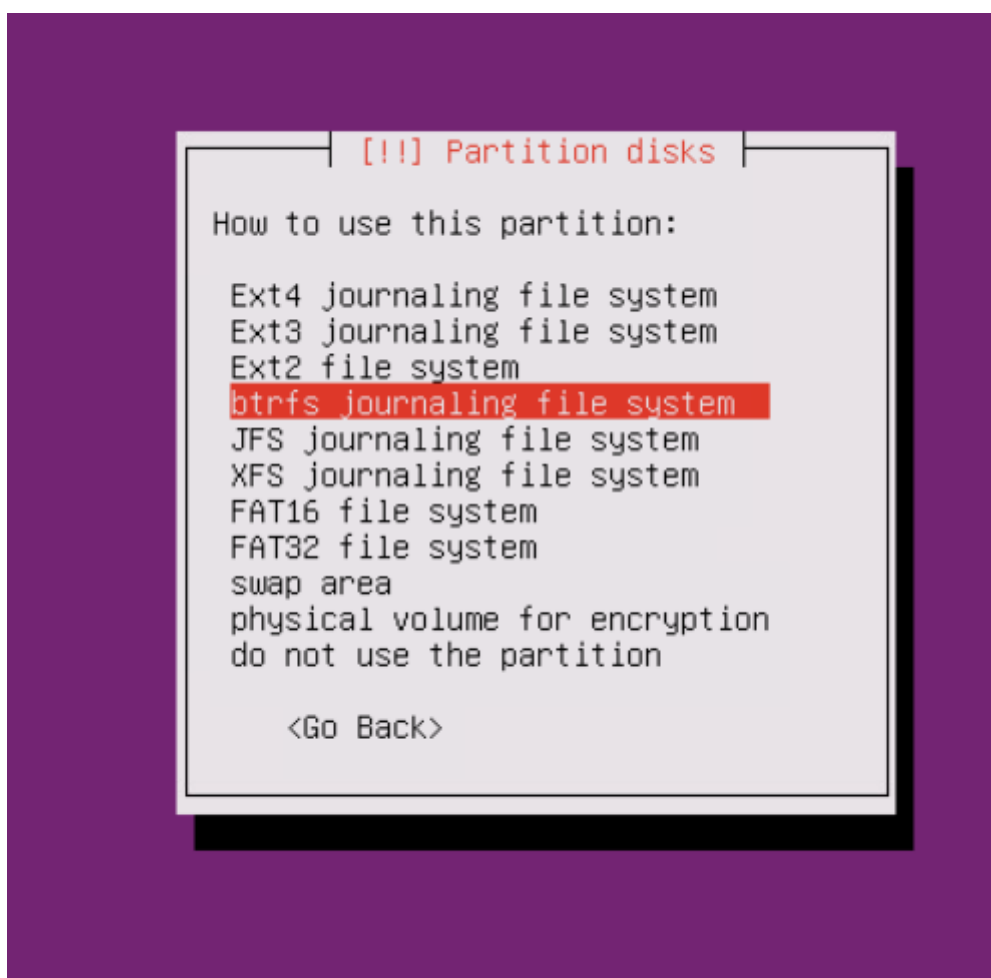
In the overview, select the 'motadata' logical volume. (Or any other name that you gave).



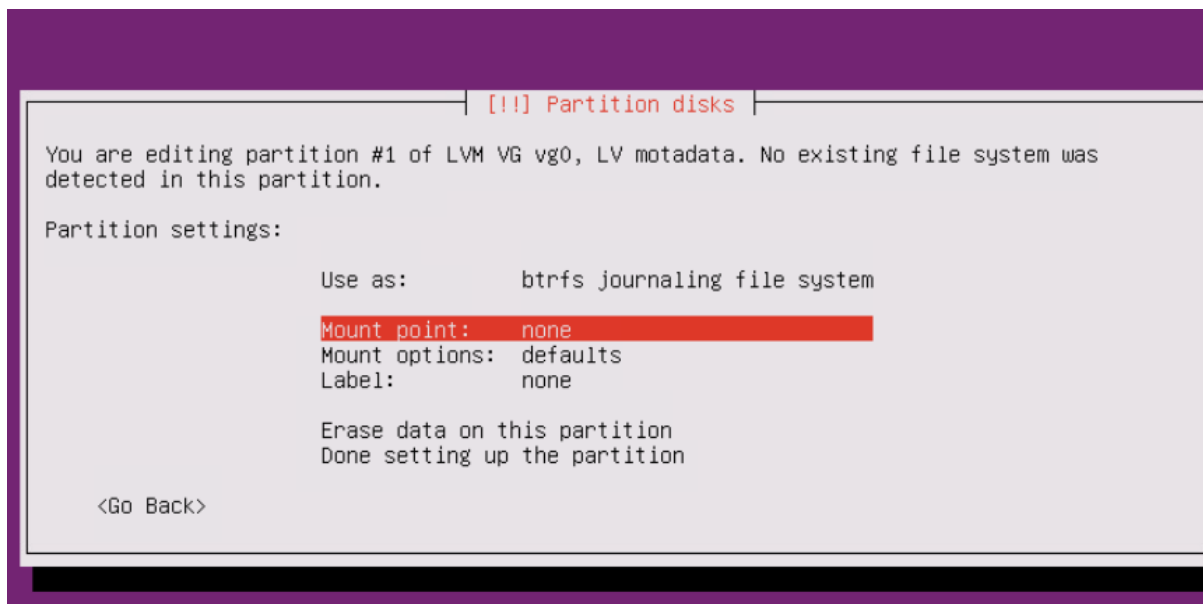
Select 'Use as: do not use'.



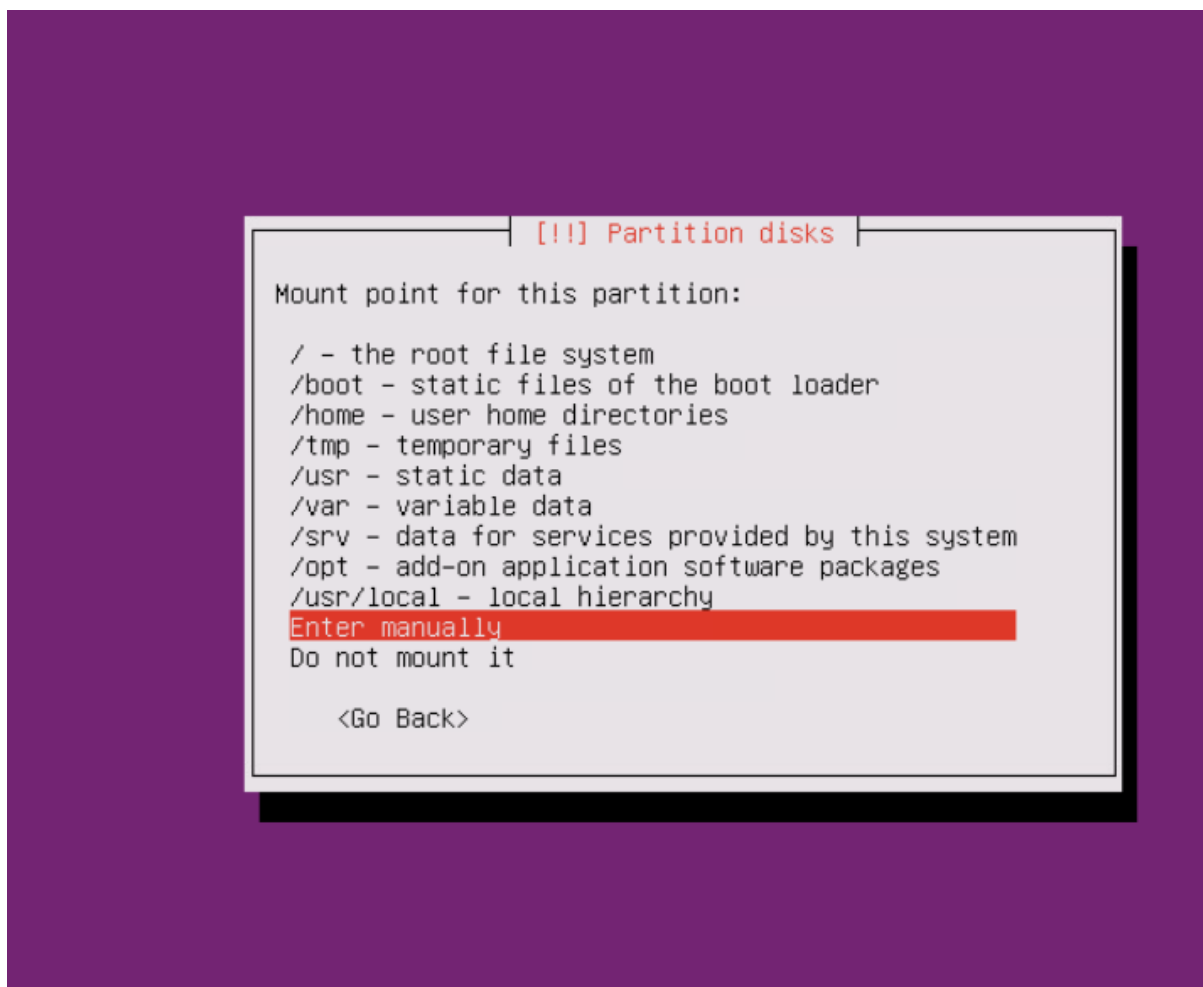
Select Btrfs journaling partition file system.



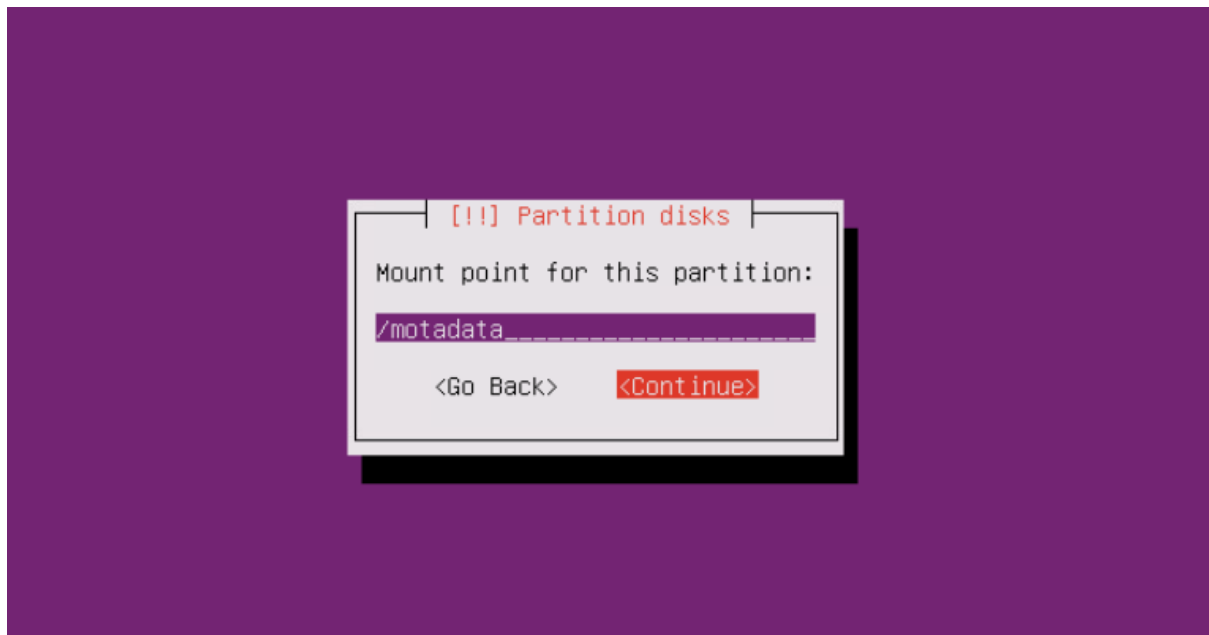
Select mount point as 'None'.



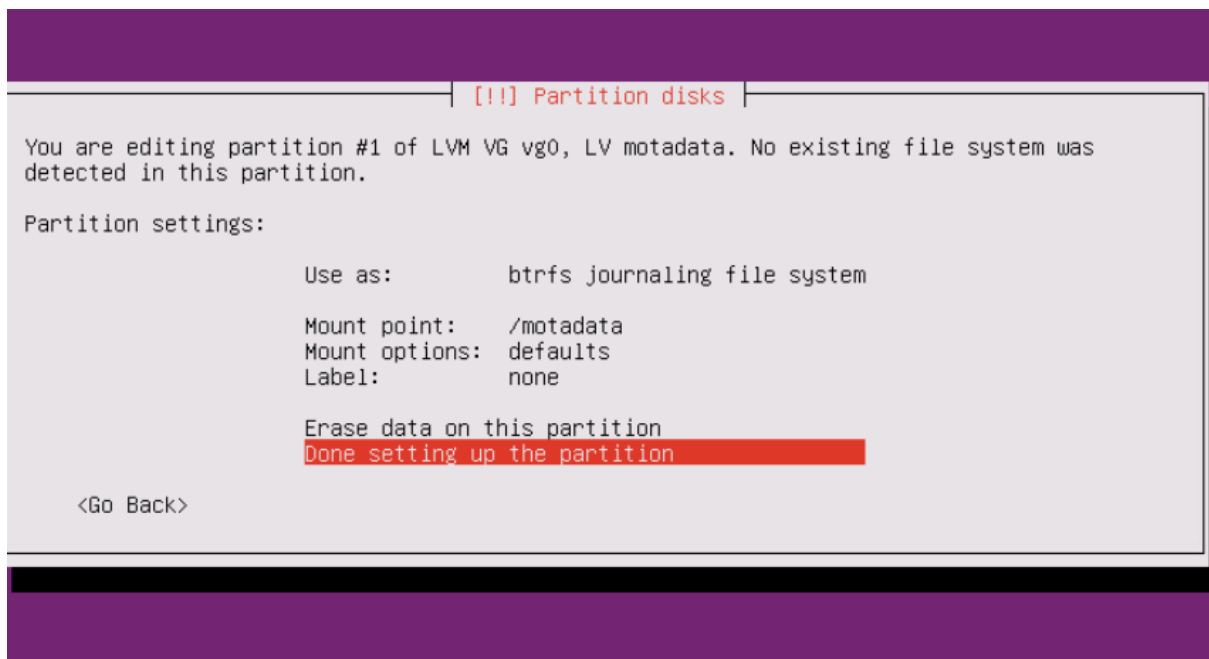
In mount point, select 'Enter Manually'.



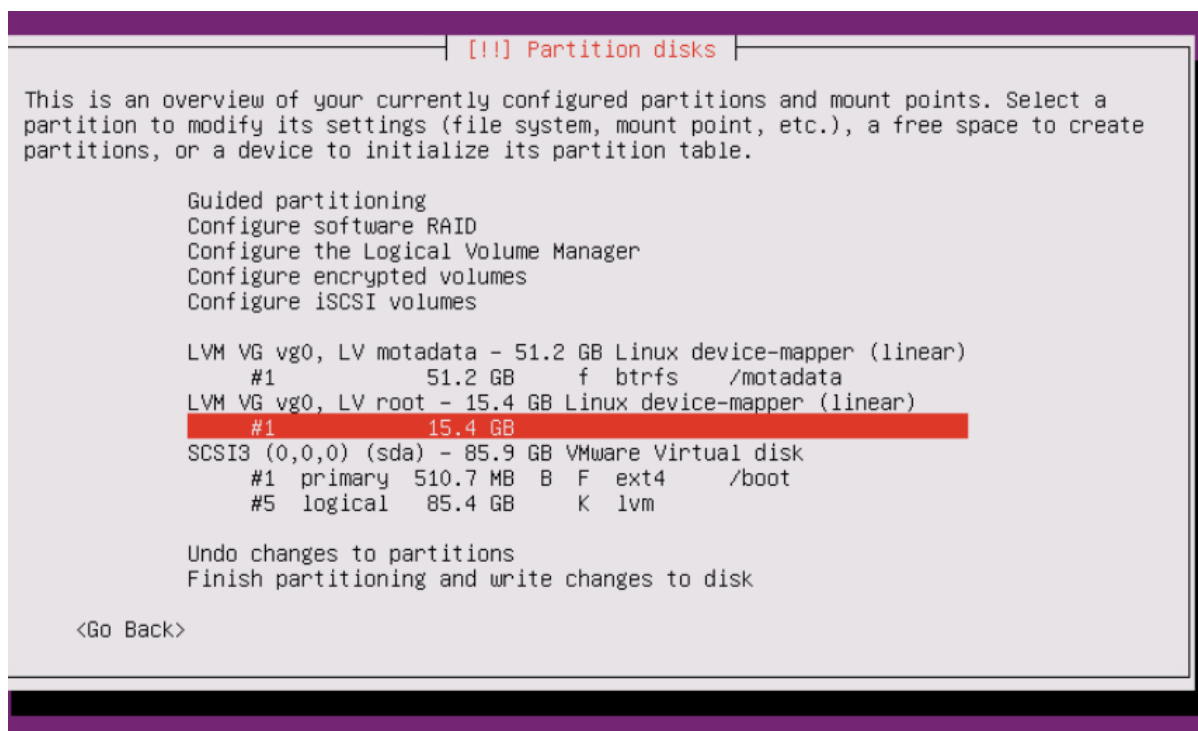
Select mount point as 'motadata'.



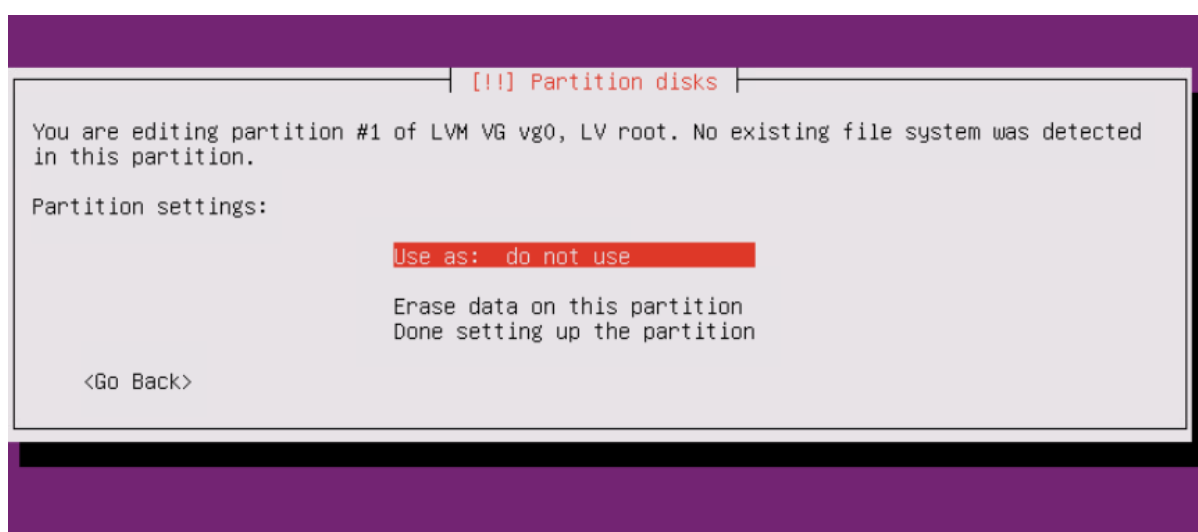
Click on 'Done setting up the partition'.



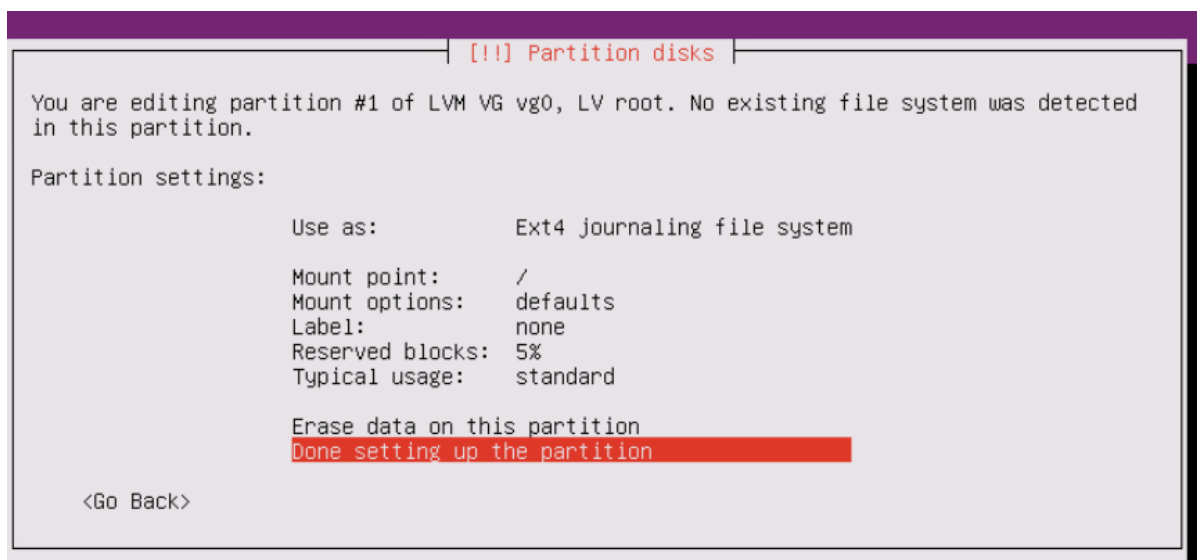
Select 'root' partition.



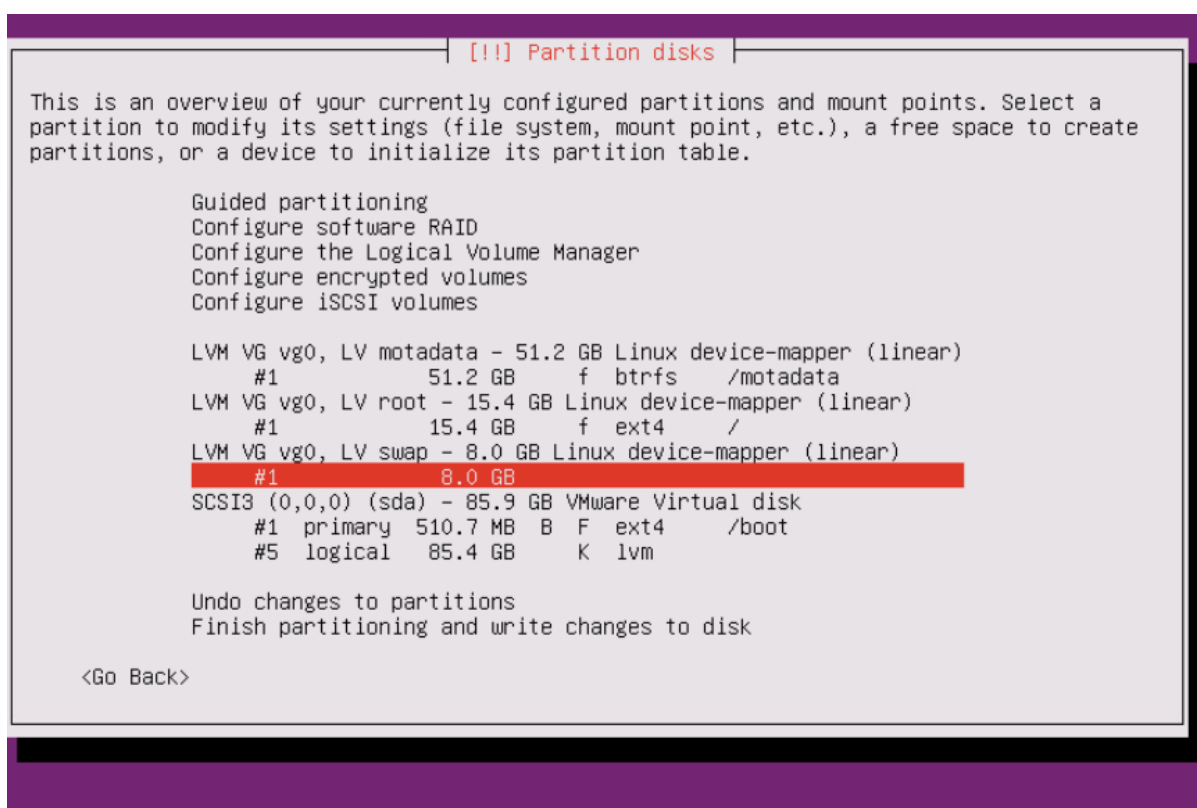
Select 'Use as: do not use'.



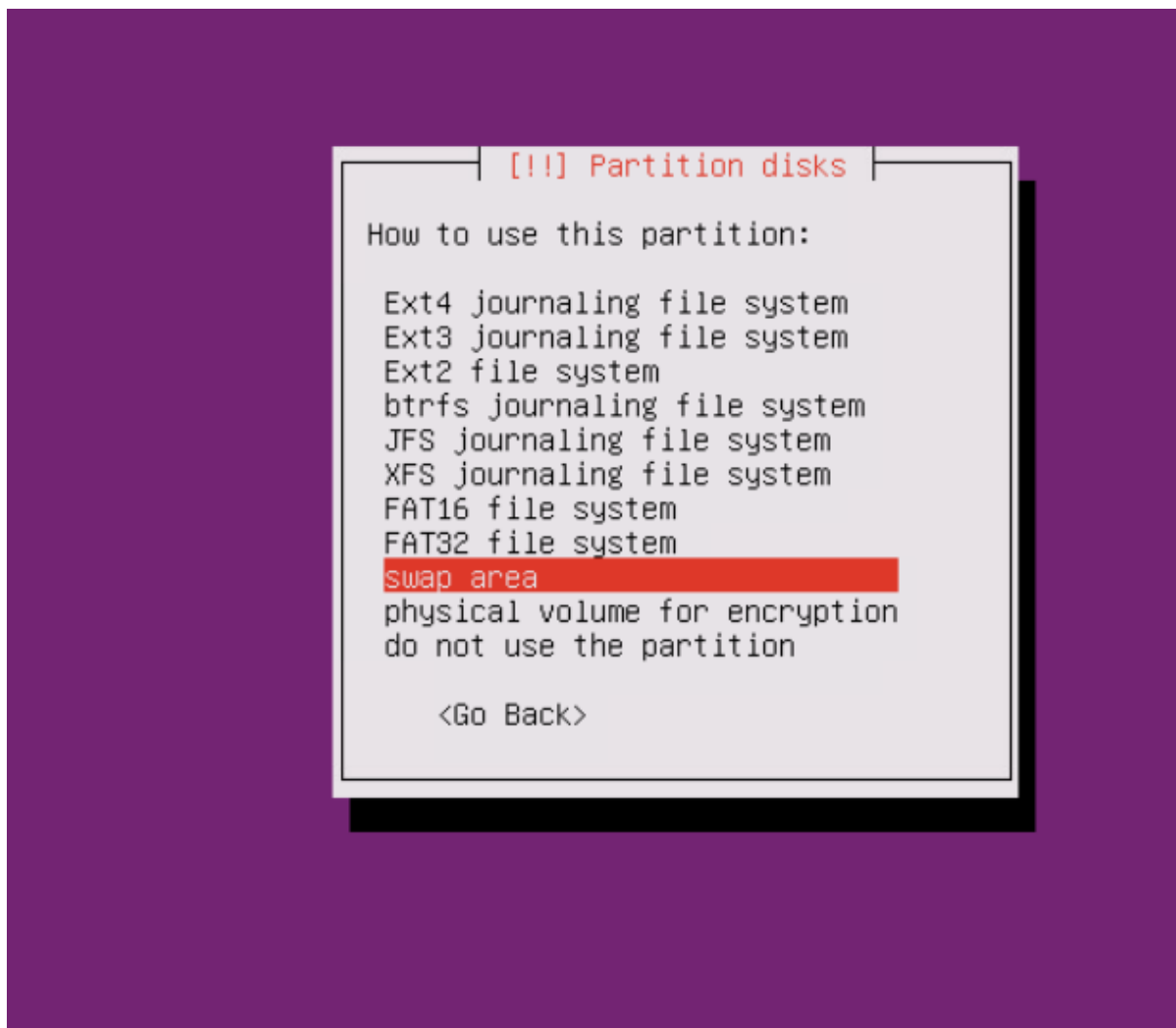
Select 'Done setting up the partition'.



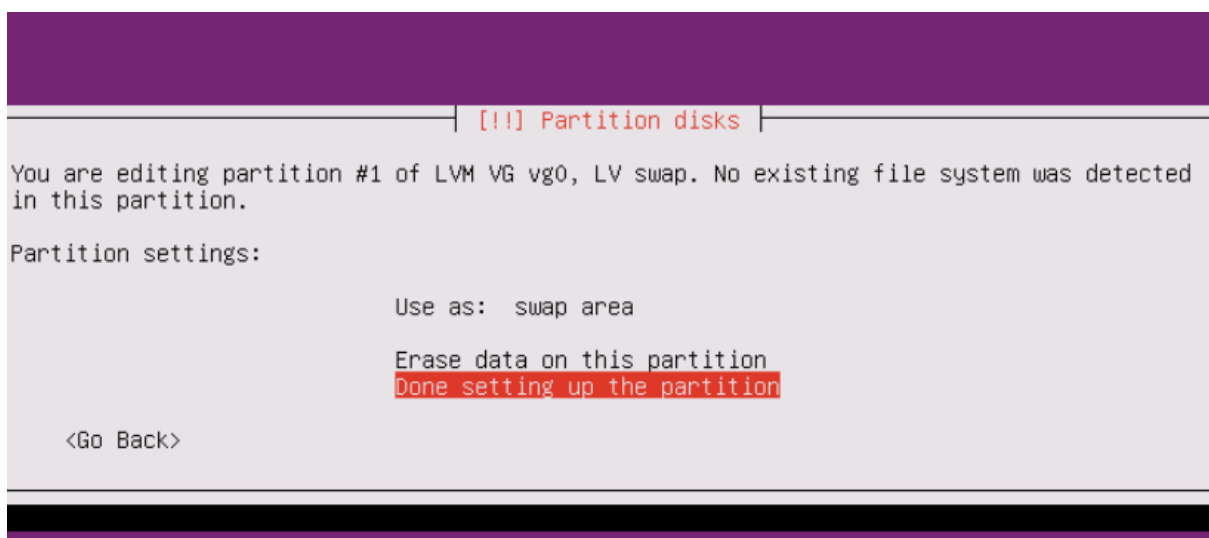
Select 'swap' partition.



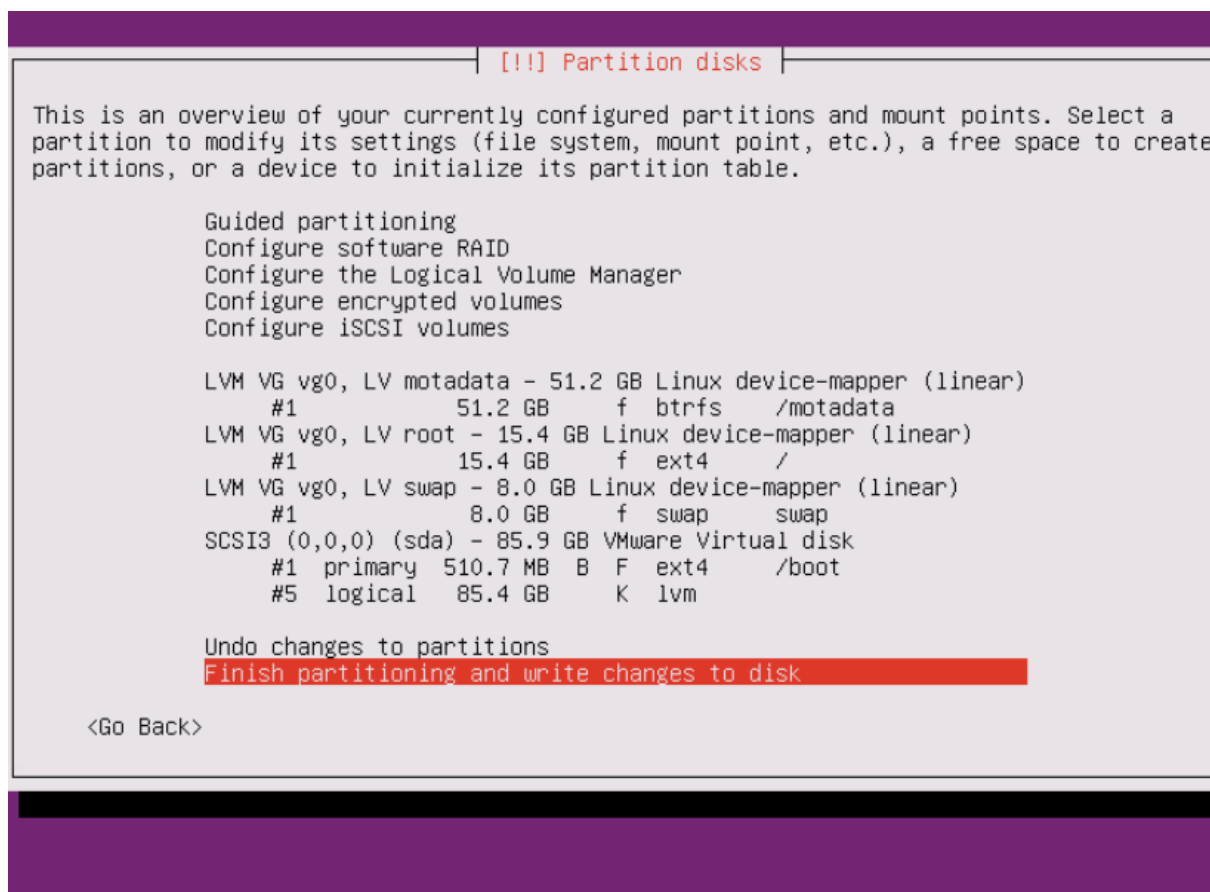
Select 'swap area' to use the partition.



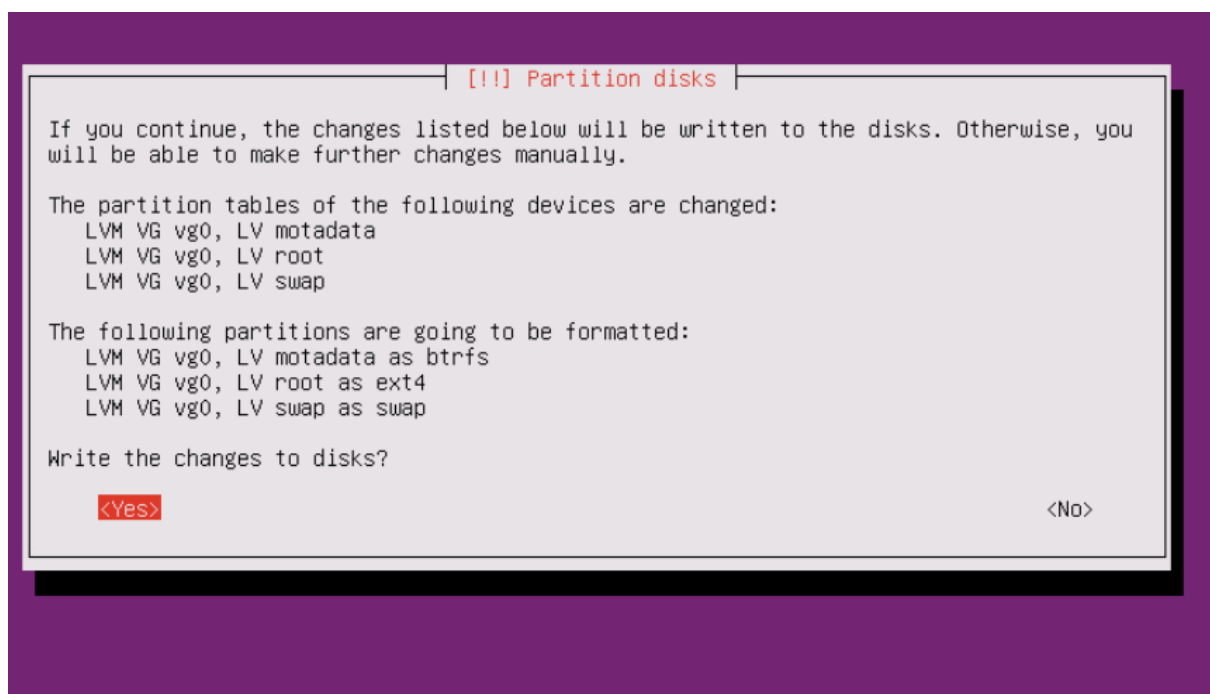
Select 'Done setting up the partition'.



Select 'Finish partitioning and write changes to disk'.



Select 'Yes' to confirm.



3 Steps to Install Motadata

1. Put Motadata-Master-7.5.200.tar.gz in /motadata directory
2. Extract Motadata-Master-7.5.200.tar.gz file
3. There will be one folder Motadata-Master & one installation file Motadata-Master-install.sh
4. Give permission to installation file:- `chmod +x Motadata-Master-install.sh`
5. Run the installation script:- `./Motadata-Master-install.sh`
6. Run 'ifconfig' command and note down the IP address.
7. Open the IP address in any modern browser. Use port no: 8080 at end of IP address (for ex: 123.123.123.123:8080)

Keep in touch

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Motadata is industry's first IT ops solution that truly correlates the metric, flow and log events and turns them into actionable insights. Our global customers from Telecom, Government and Enterprise domain, rely on Motadata for proactively monitor their network infrastructure.

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