

IT Troubleshooter

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Configure iSCSI Initiator on Window10 System.

PART - 2

<http://ittroubleshooter.in/>

Configure iSCSI Initiator on Window 10 System PART- 2



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📅 2017-01-16 👤 Gaurav Kumar 📁 Storage 💬 [Leave a comment](#)

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iSCSI MSC

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Configure iSCSI Initiator on Window 10

In this article we will see how to configure iSCSI Initiator on Window 10 system. As previous we have seen how to Configure iSCSI Target and Initiator on Centos 7 / Ubuntu 15.10, refer below links.

[How to Build your Own Secure Storage Using iSCSI SAN Storage – Part 1](#)

[Configure iSCSI Initiator on Ubuntu 15.10 Server](#)

1) Run the iSCSI Initiator on Window 10 system.

The iSCSI Initiator that is installed by default in Windows 10. You can access it by searching on search bar, shown below screen shot.

[How to Create/Remove EBS Volume Using AWS Web-console/CLI](#)

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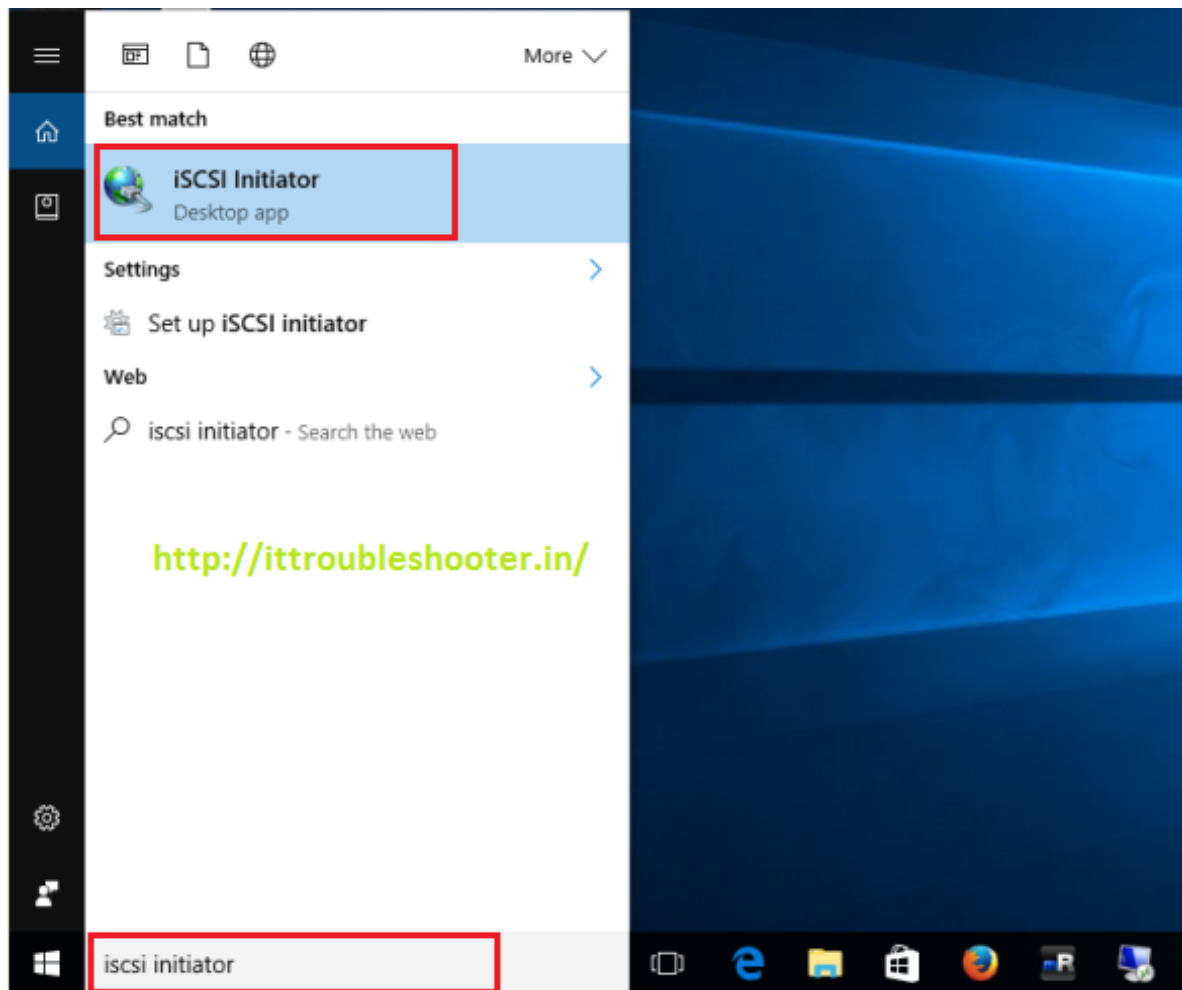
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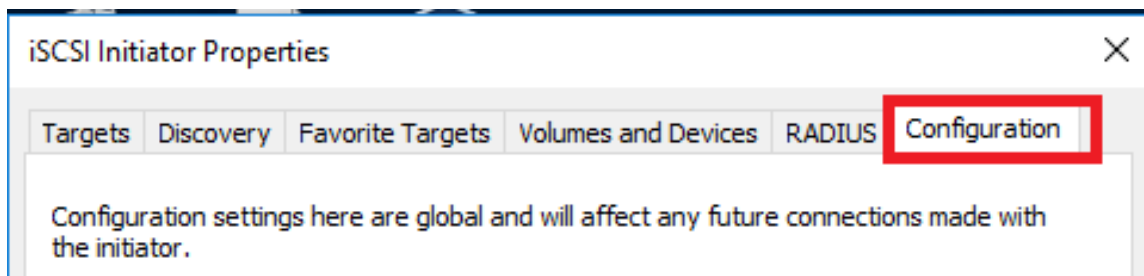
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2) Edit the configuration target from the iSCSI target server.

You need to add the Initiator Name from configuration section.



Any existing connections may continue to work, but can fail if the system restarts or the initiator otherwise tries to reconnect to a target.

<http://ittroubleshooter.in/>

When connecting to a target, advanced connection features allow specific control of a particular connection.

Initiator Name:

iqn.2017-01.in.ittroubleshooter:allserverad

To modify the initiator name, click Change.

Change...

To set the initiator CHAP secret for use with mutual CHAP, click CHAP.

CHAP...

To set up the IPsec tunnel mode addresses for the initiator, click IPsec.

IPsec...

To generate a report of all connected targets and devices on the system, click Report.

Report

OK

Cancel

Apply

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After that Enter the IP address or domain name for your iSCSI target. In our case, we put ip address of iSCSI target server and click on quick connect, refer below screen shots.

iSCSI Initiator Properties

Targets | Discovery | Favorite Targets | Volumes and Devices | RADIUS | Configuration

Quick Connect
To discover and log on to a target using a basic connection, type the IP address or DNS name of the target and then click Quick Connect.

Target:

Discovered targets

Name	Status
http://ittroubleshooter.in/	

To connect using advanced options, select a target and then click Connect.

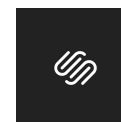
To completely disconnect a target, select the target and then click Disconnect.

For target properties, including configuration of sessions, select the target and click Properties...

For configuration of devices associated with a target, select the target and then click Devices.

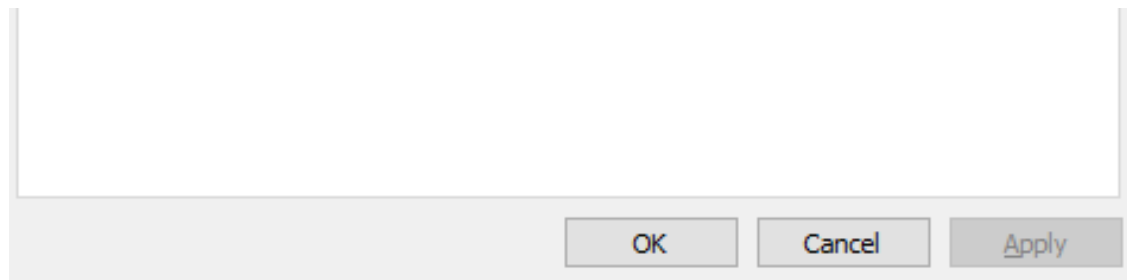


Start your free trial.

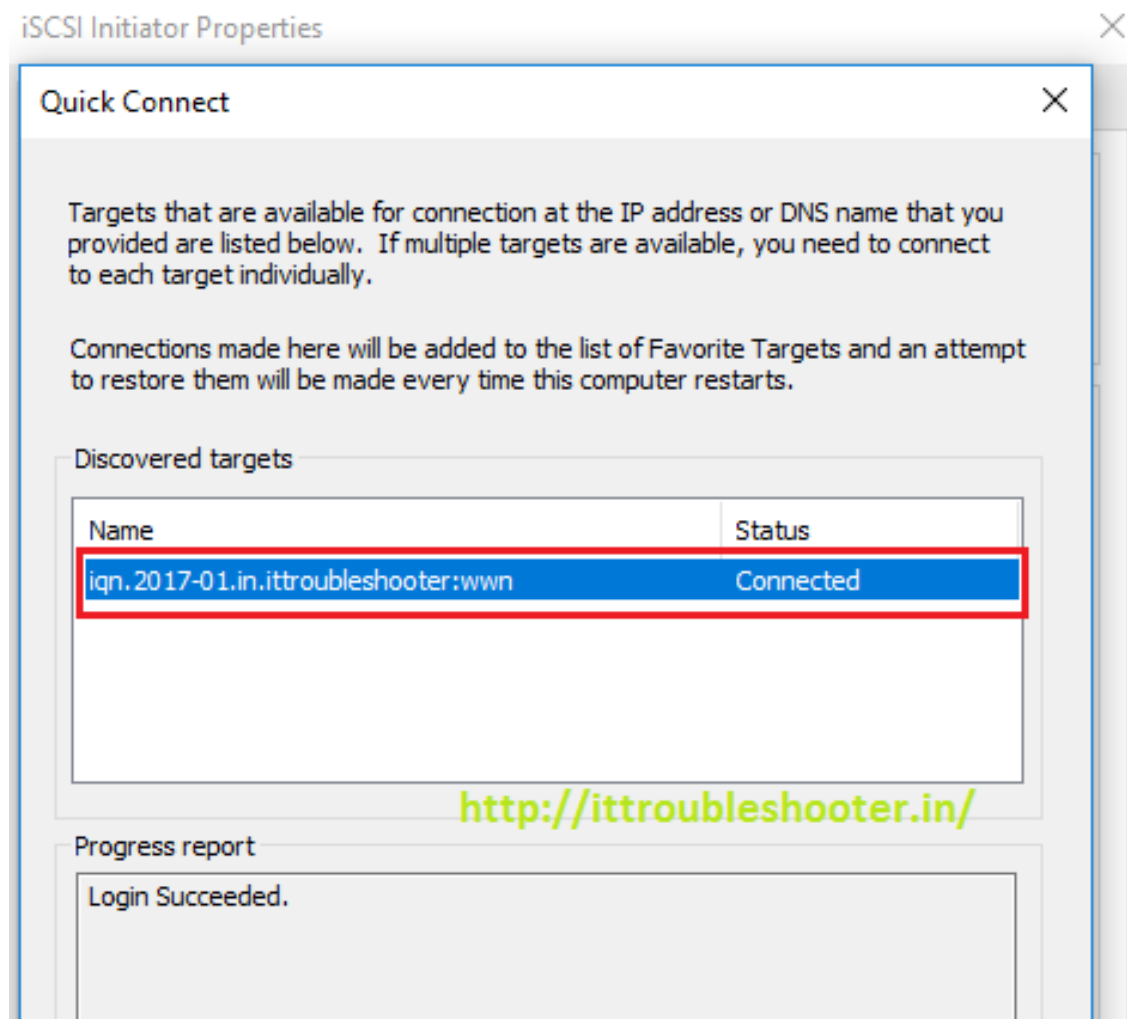


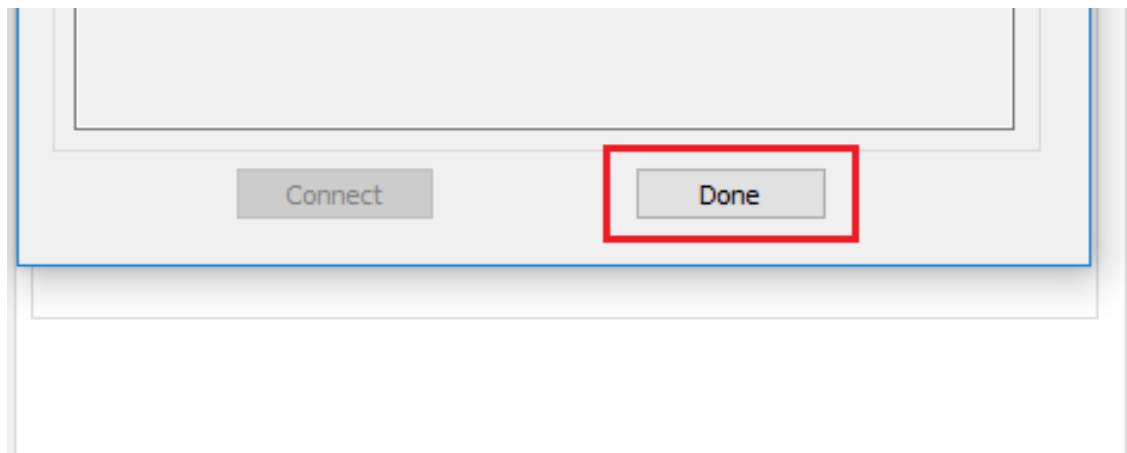
Everyone needs a website.
Make yours with Squarespace
and stand out. Try it for free.



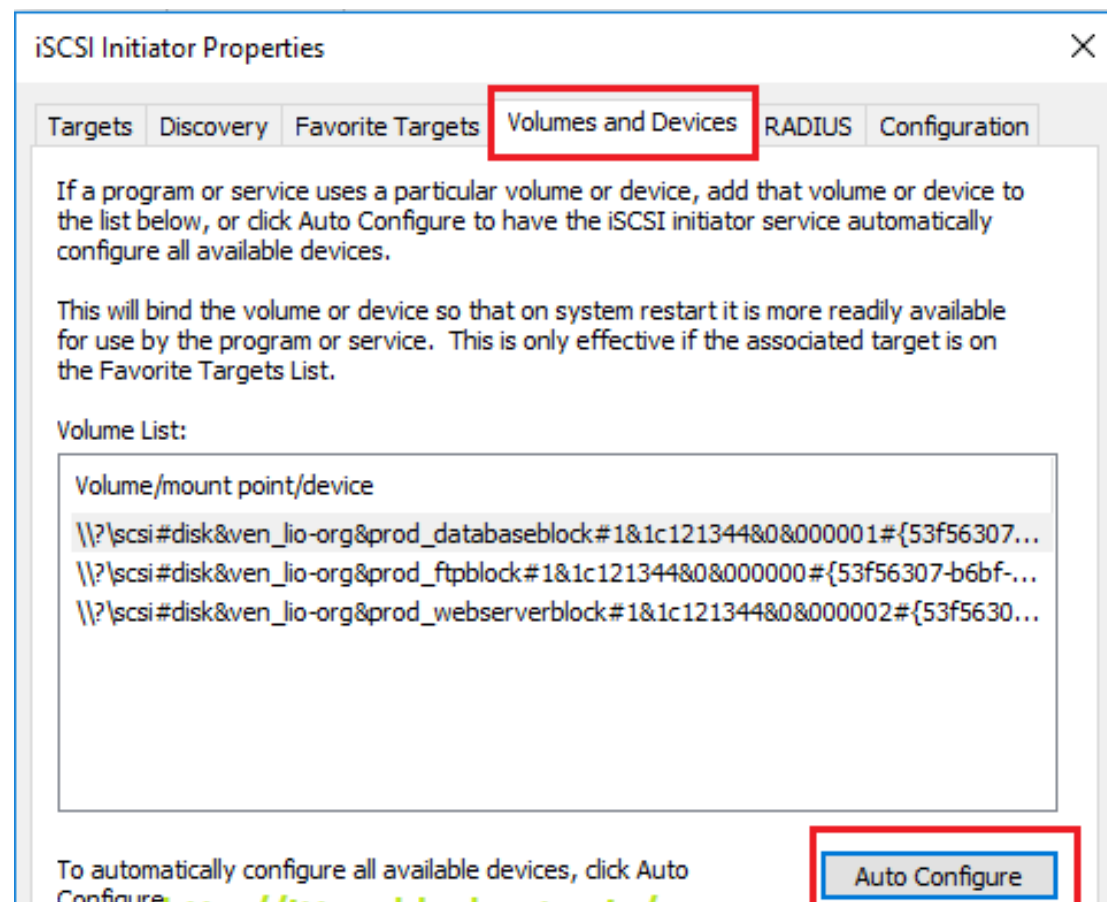


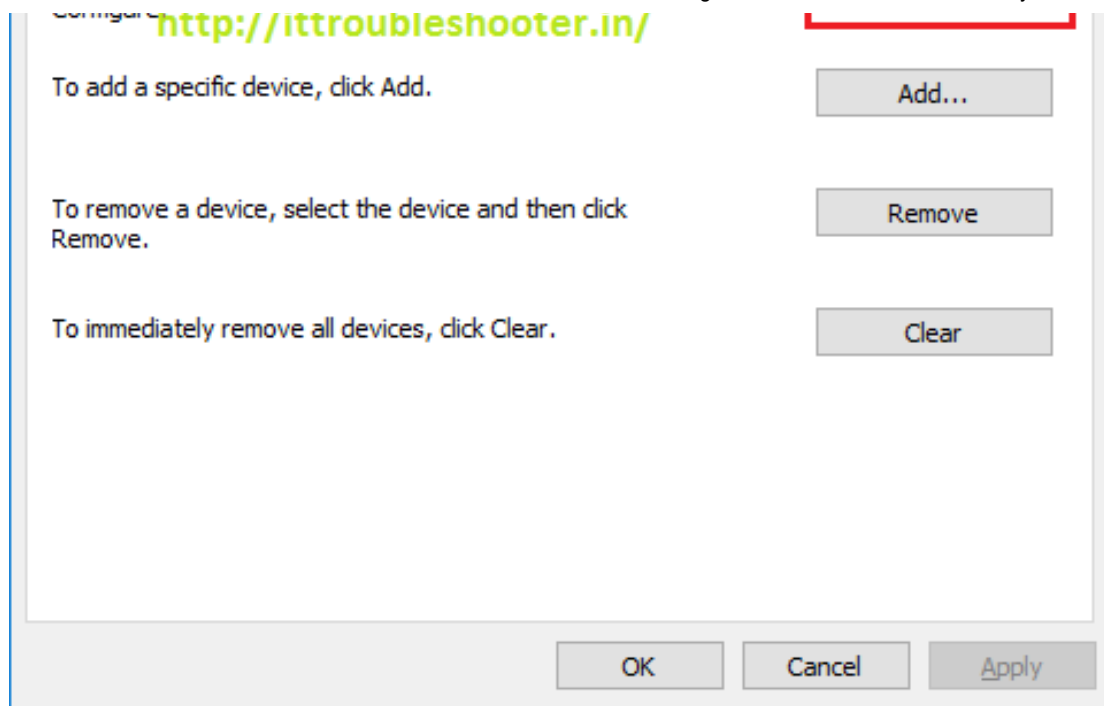
On next screen, Targets that are available for connection at the IP Address that you provided are listed below. Click on Done button, refer below screen shot.



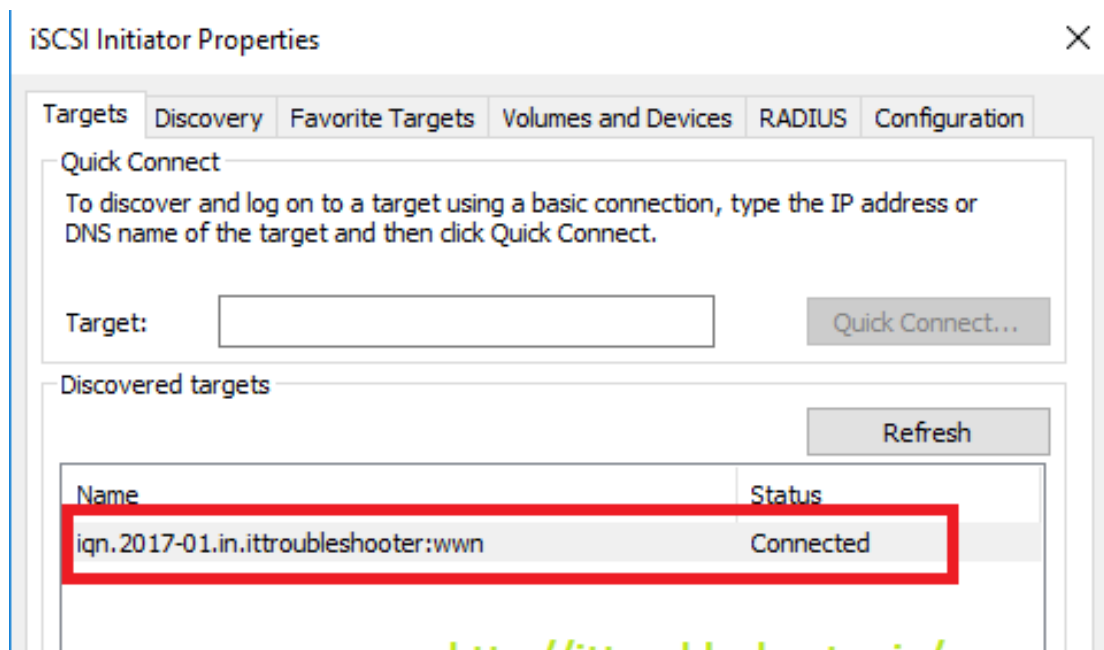


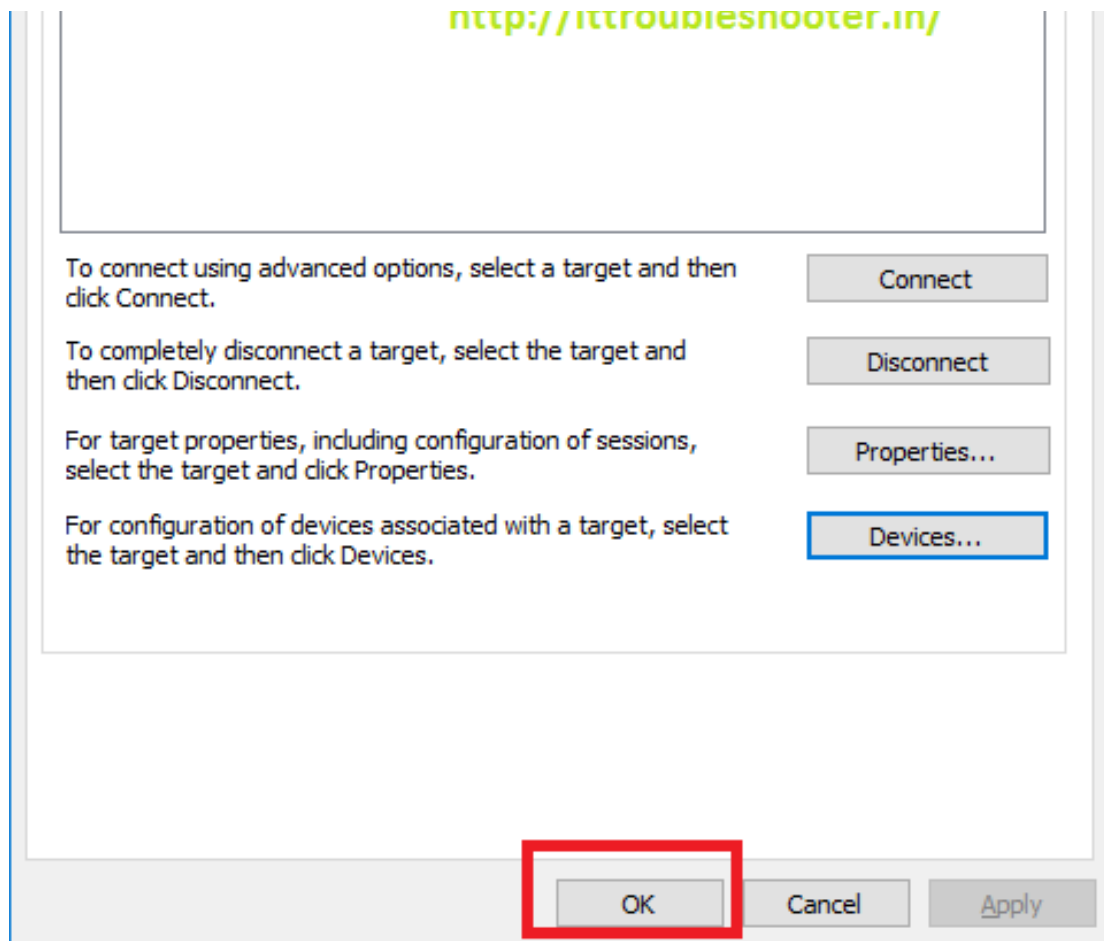
Then go to Volume and Devices tab, click on Auto Configure.





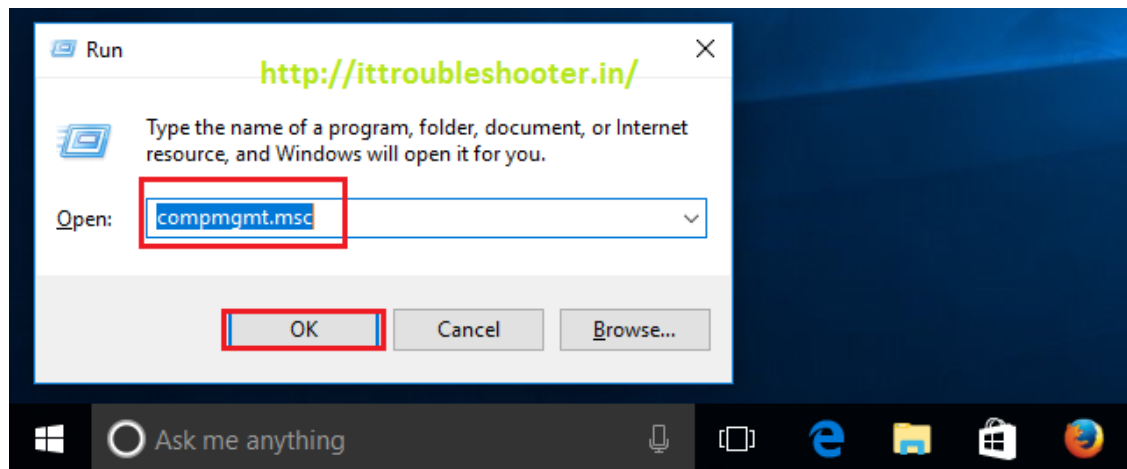
Now the Discovered targets has been connected click the "OK" button.



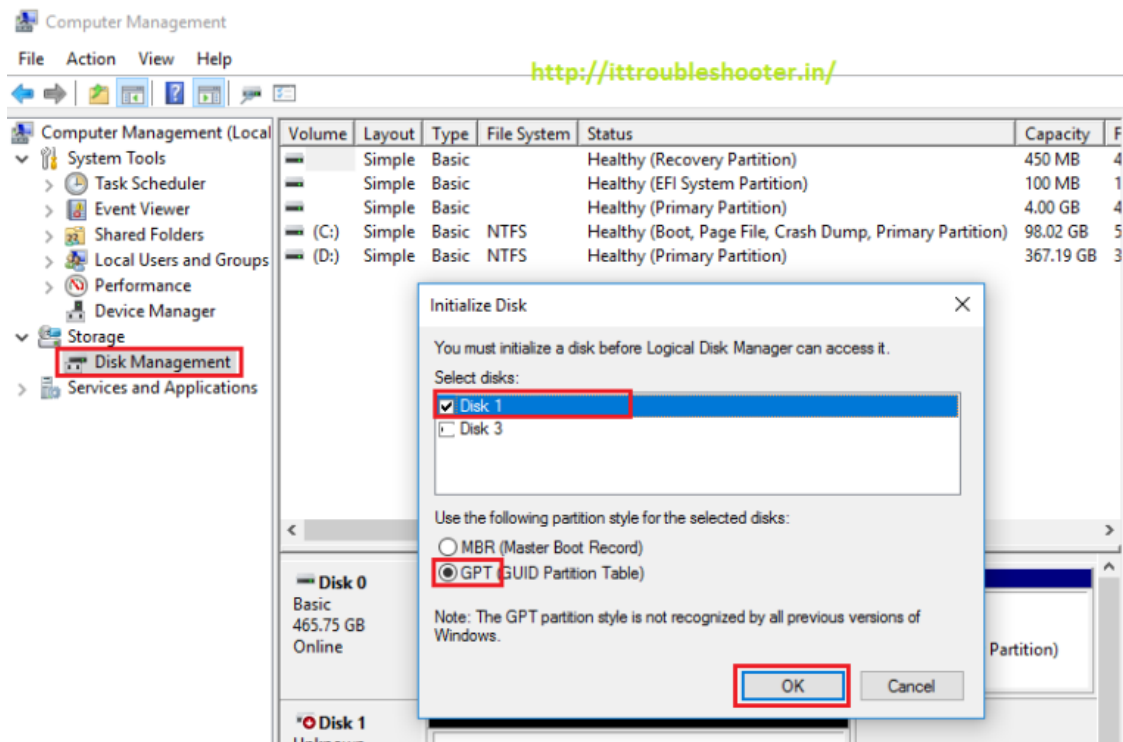


3) Make a file system of the SAN Disk.

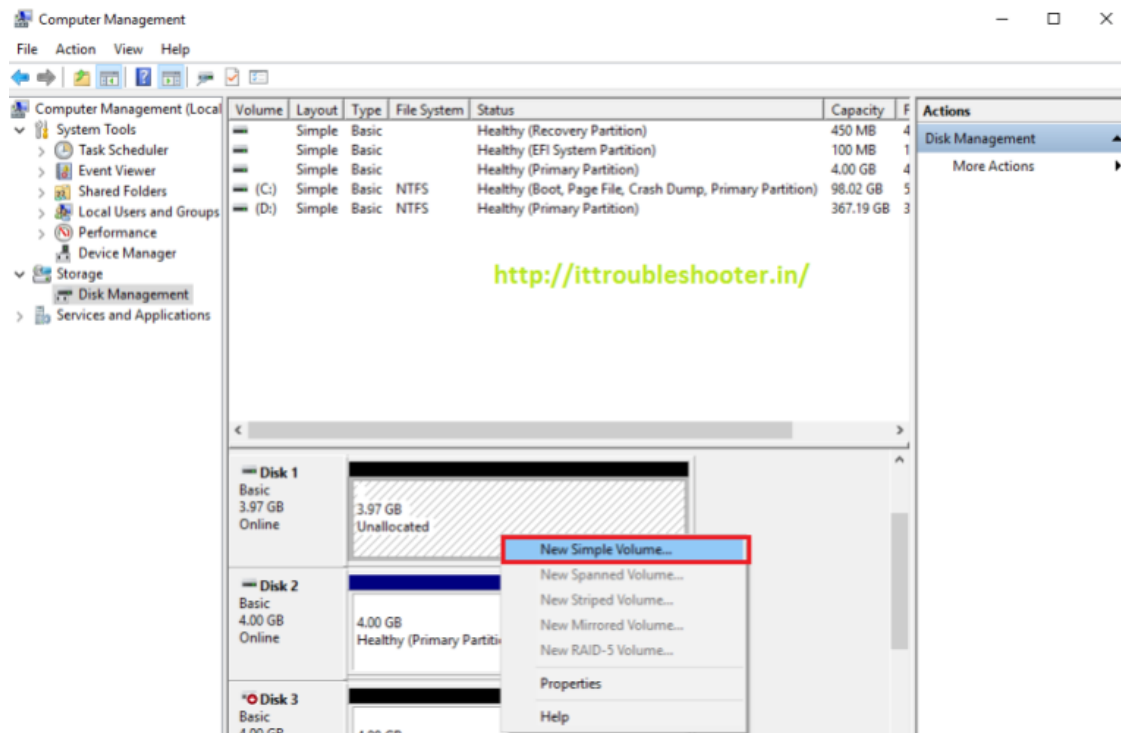
The iSCSI initiator portion of the configuration is now complete. Now go to run(Window+r) and type "**compmgmt.msc**", refer screen shot.



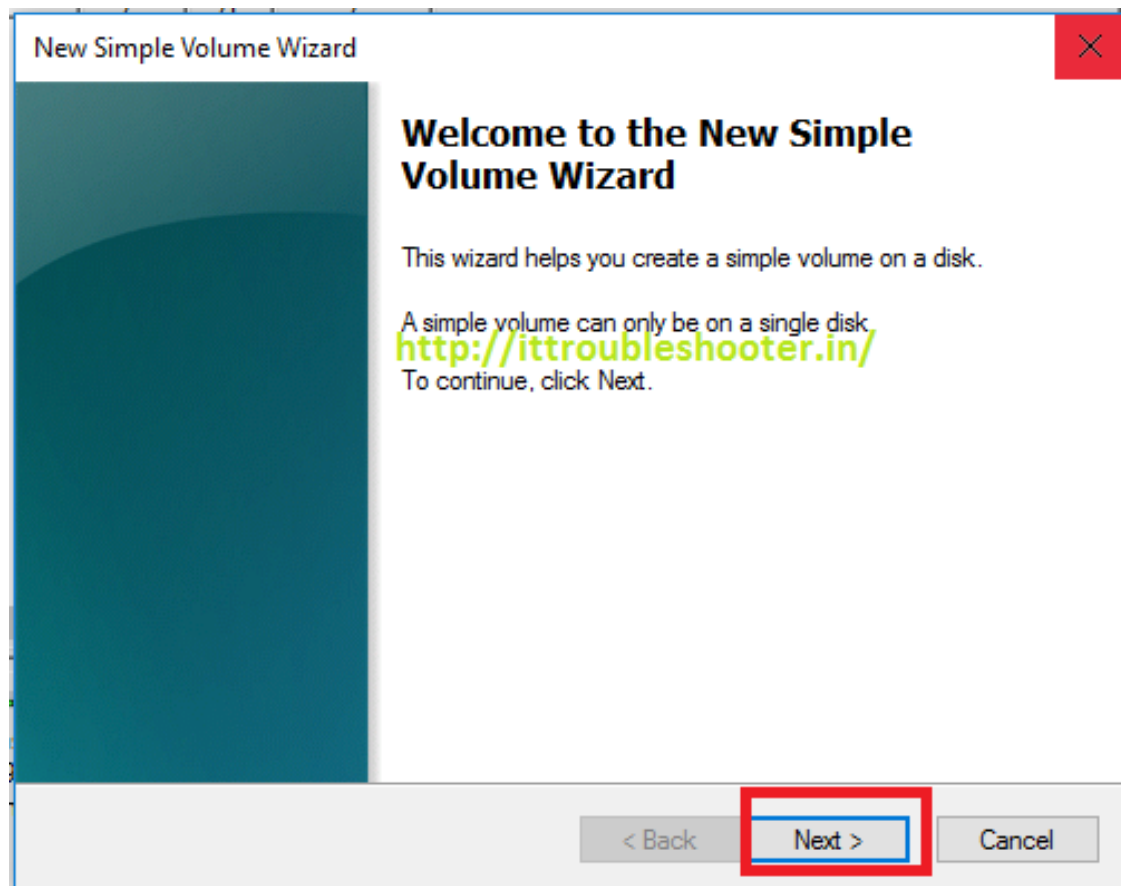
We initialize a Disk 1 because on that disk we configure the ftp server. I chose a “GPT” type disk since the iSCSI target I am mounting is 4GB and may grow larger in the future.



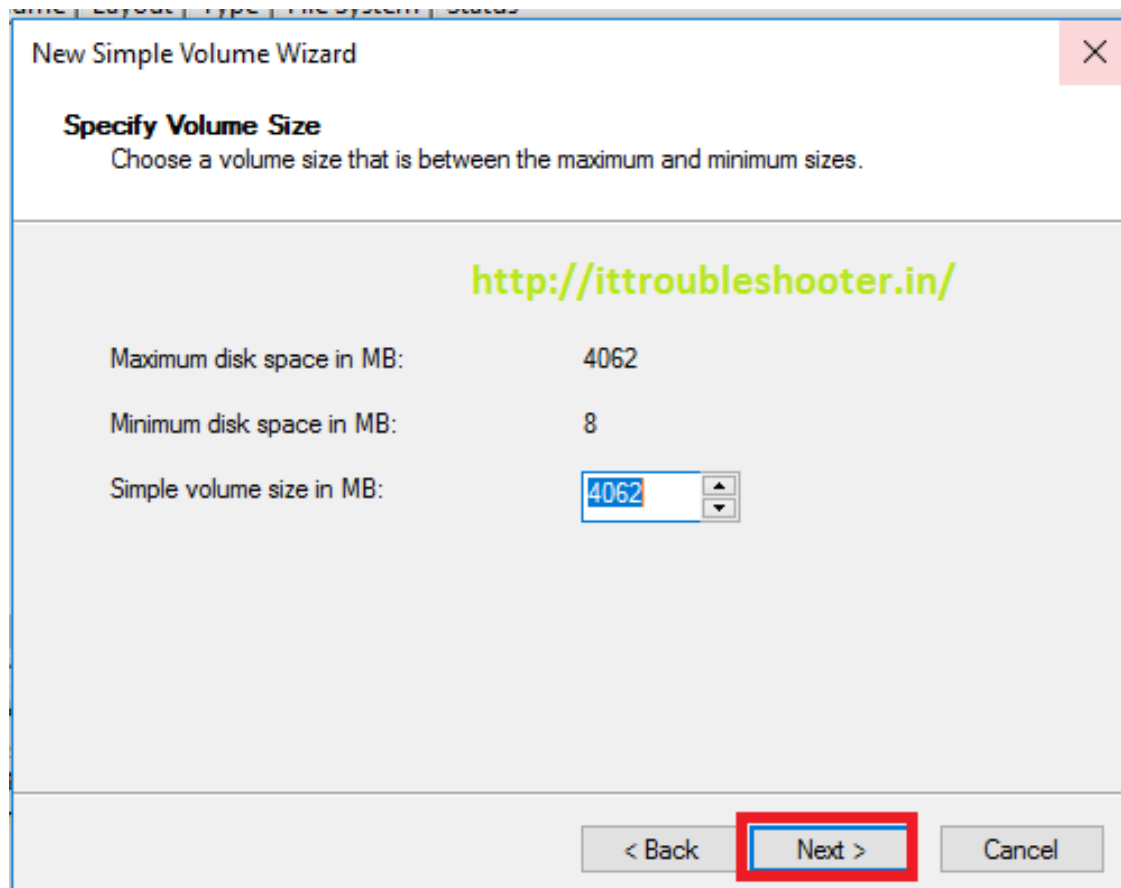
Right click the **"Unallocated"** space and select **"New Simple Volume"**. From this point forward, any server admin should be able to handle it since it's just like an internal disk.



Click on "Next" button on Welcome to the new simple volume wizard.



Specify the volume size.



The image shows a Windows 'New Simple Volume Wizard' window. The title bar reads 'New Simple Volume Wizard'. Below the title bar, the section is titled 'Specify Volume Size' with the instruction 'Choose a volume size that is between the maximum and minimum sizes.' A URL 'http://ittroubleshooter.in/' is displayed in green text. Below this, there are three rows of information: 'Maximum disk space in MB:' with the value '4062', 'Minimum disk space in MB:' with the value '8', and 'Simple volume size in MB:' with a text box containing '4062' and a spinner control. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red rectangular border.

New Simple Volume Wizard

Specify Volume Size
Choose a volume size that is between the maximum and minimum sizes.

<http://ittroubleshooter.in/>

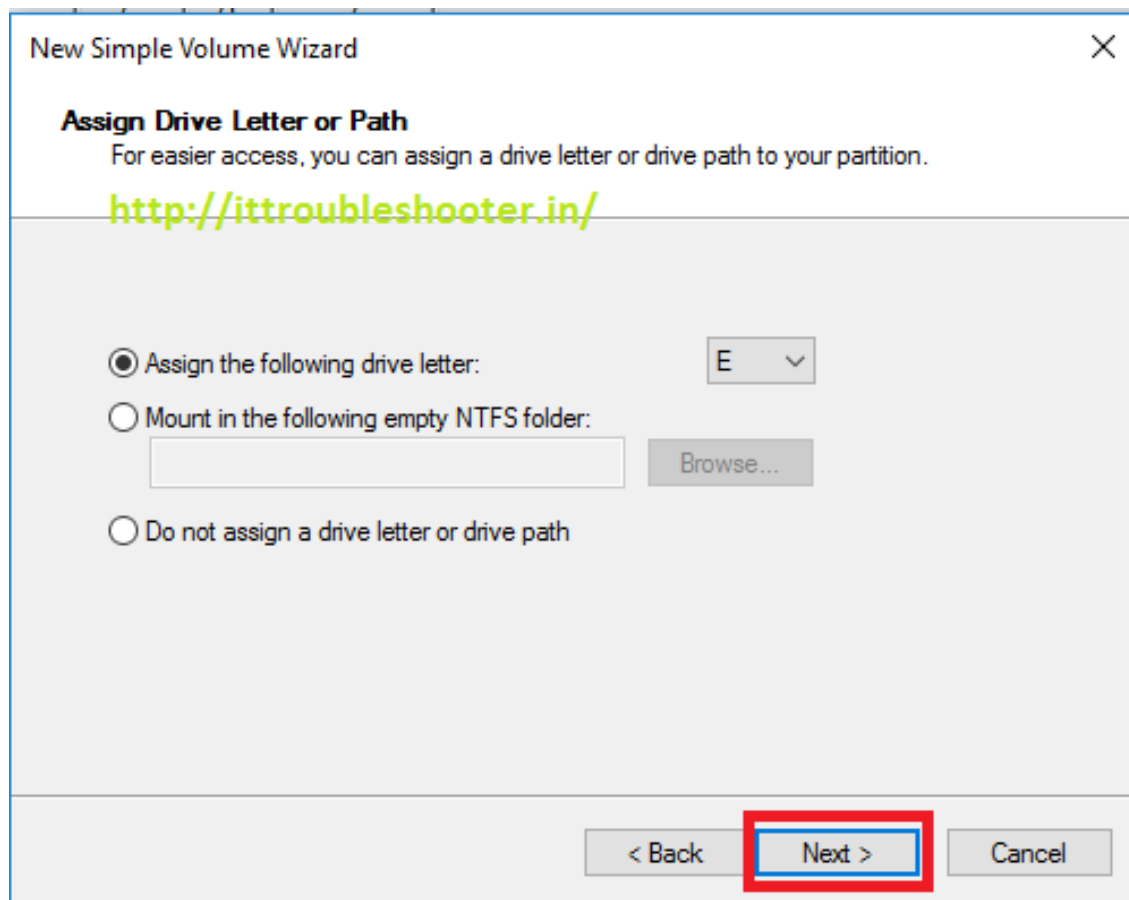
Maximum disk space in MB: 4062

Minimum disk space in MB: 8

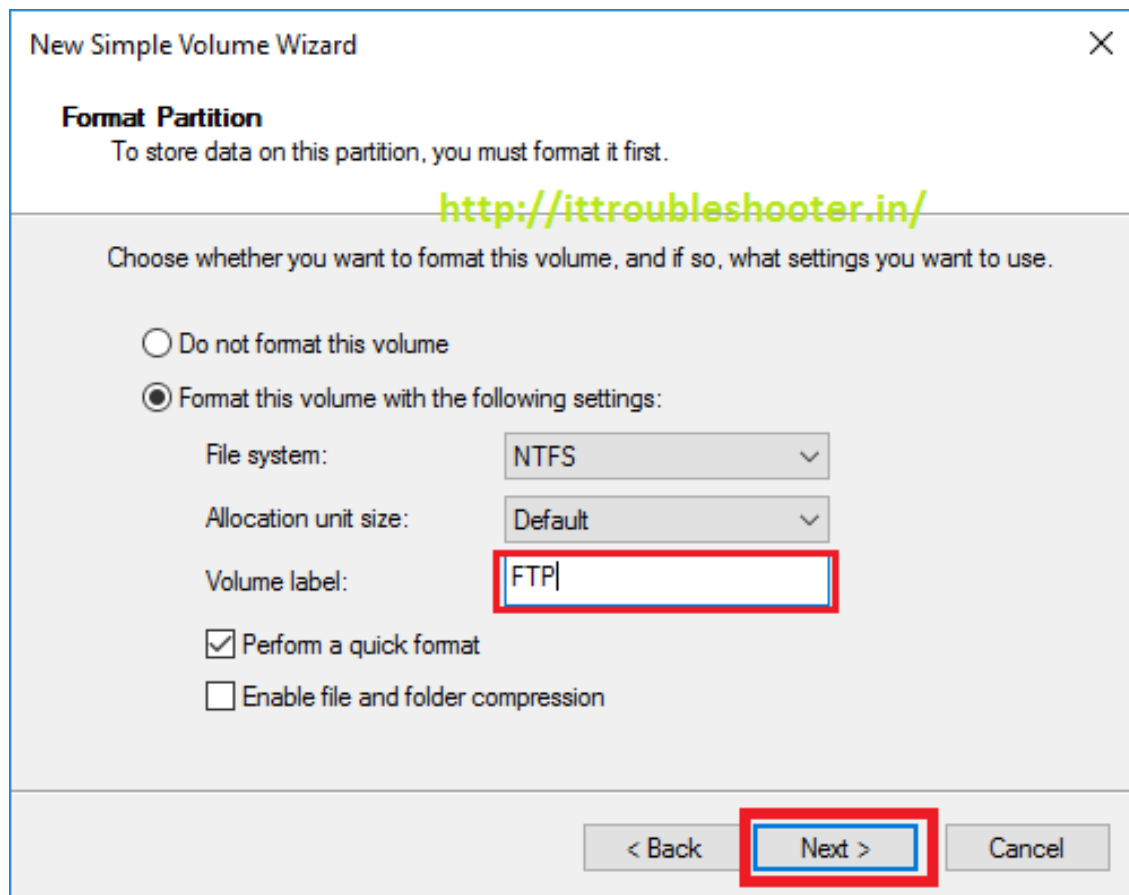
Simple volume size in MB: 4062

< Back Next > Cancel

Assign Drive Letter or Path.



Format the partition.



New Simple Volume Wizard

Format Partition
To store data on this partition, you must format it first.

<http://ittroubleshooter.in/>

Choose whether you want to format this volume, and if so, what settings you want to use.

☐ Do not format this volume

☒ Format this volume with the following settings:

File system: NTFS

Allocation unit size: Default

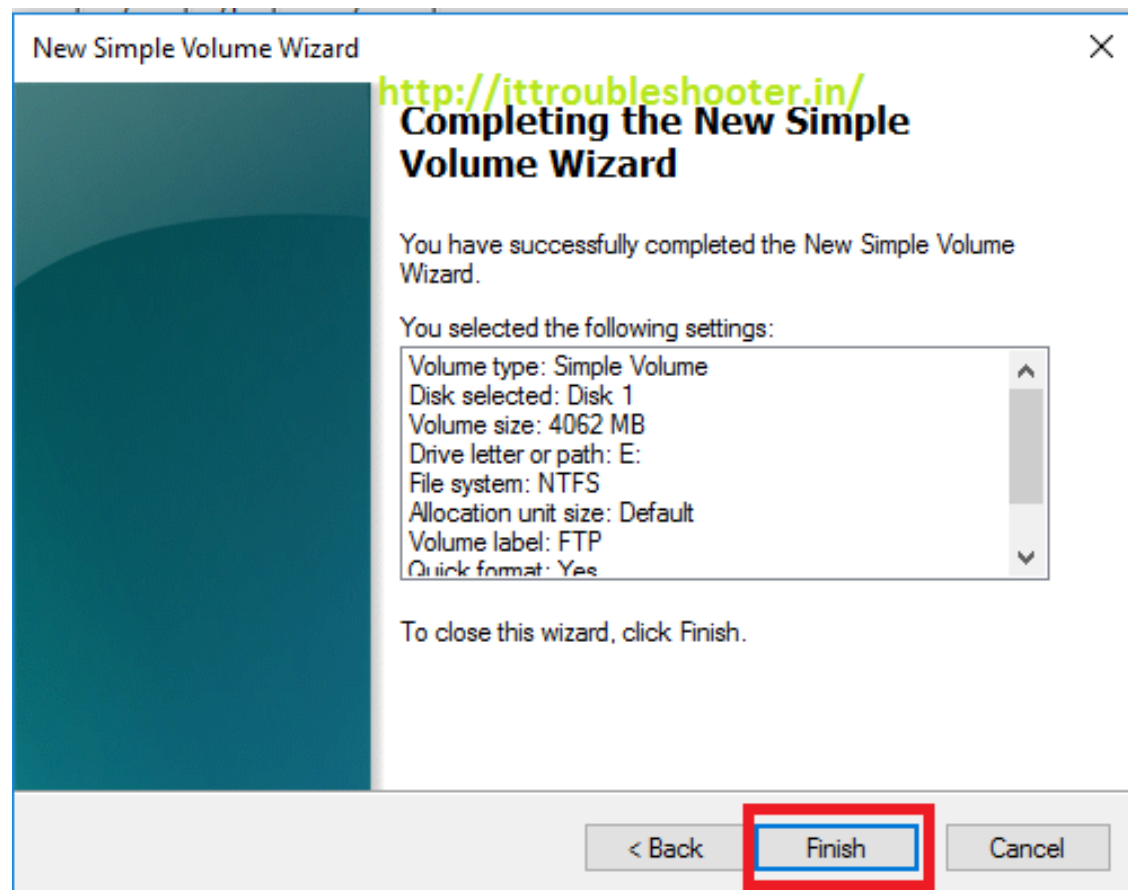
Volume label: FTP

☒ Perform a quick format

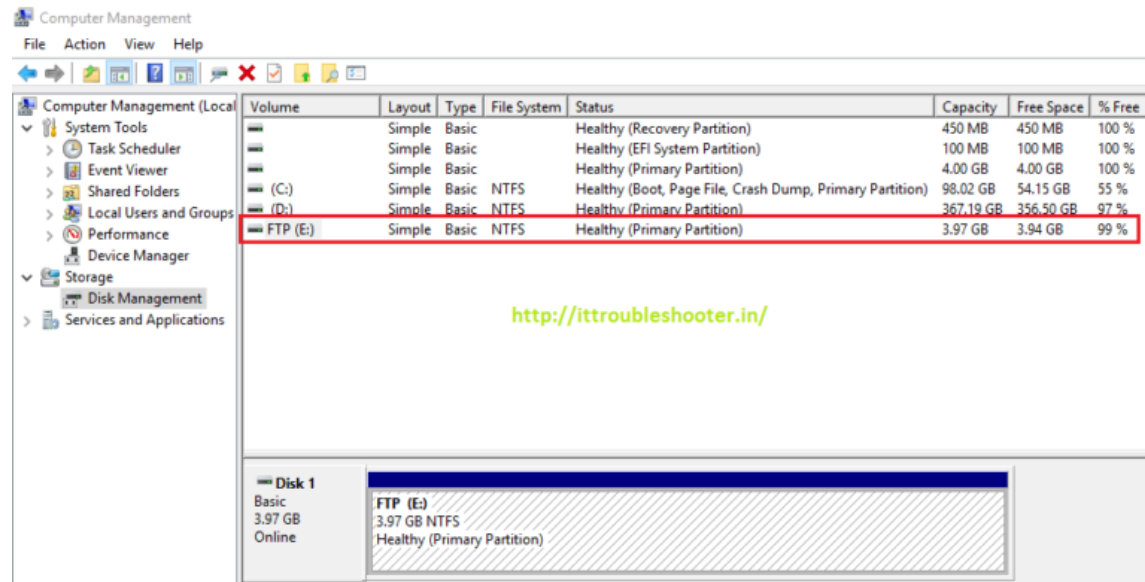
☐ Enable file and folder compression

< Back **Next >** Cancel

Click on **"Finish"** button on Completing the New Simple Volume Wizard.



As you seen on below screen shot, the disk is permanently mounted on the system.



Hope this post will help Linux/Unix beginners. Please share you feedback and Comments and Stay tune for more updates with ittroubleshooter.in ..!!!

AdChoices

iSCSI Initiator Win 10

Windows Installation

iSCSI Initiator on Window 10

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