FRONTIER BUSINESS SYSTEMS PVT LTD

TECHNOLOGY SERVICES

Implementation Document of HPE StoreEasy Storage 1660

To

INDIAN IMMUNOLOGICALS LIMITED

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CONTENTS

HPE StoreEasy Storage Configuration

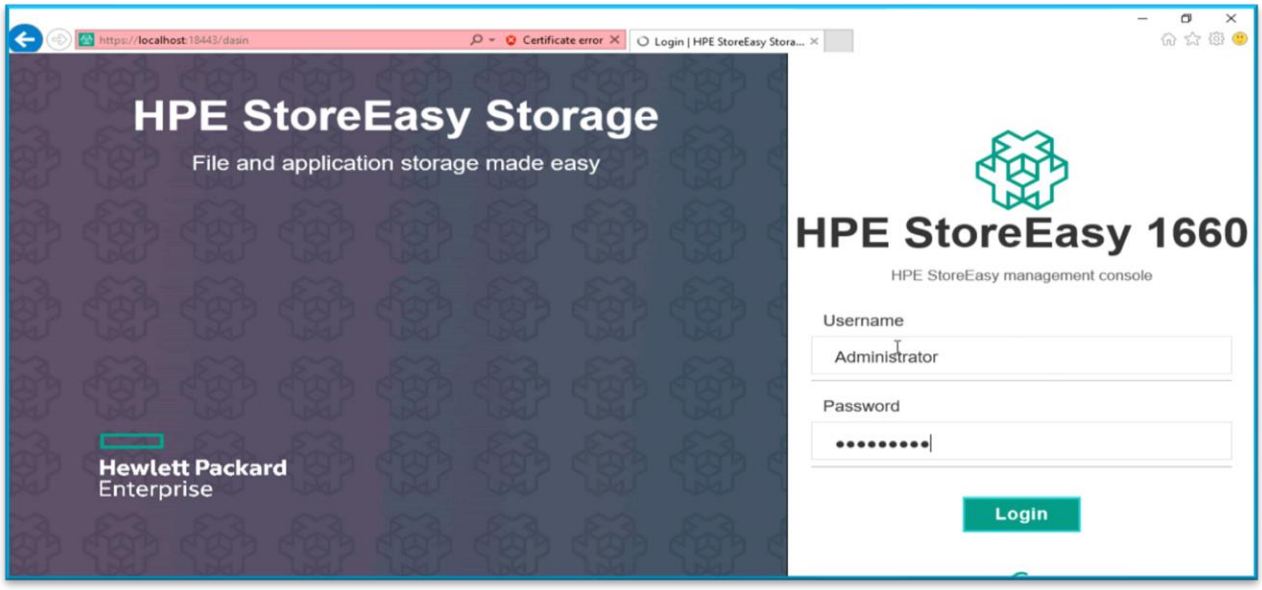
1. Login in to the Storage Server.

I. For login into the SoreEasy Storage server type below link in Browser.

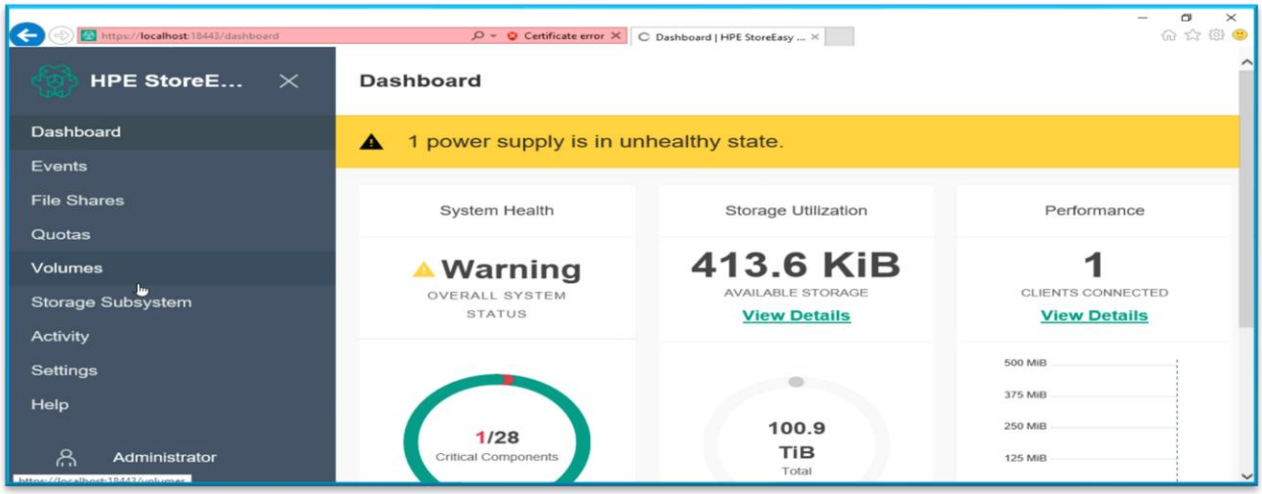
Https://localhost:18443/

Username: Administrator

Password: Admin@123

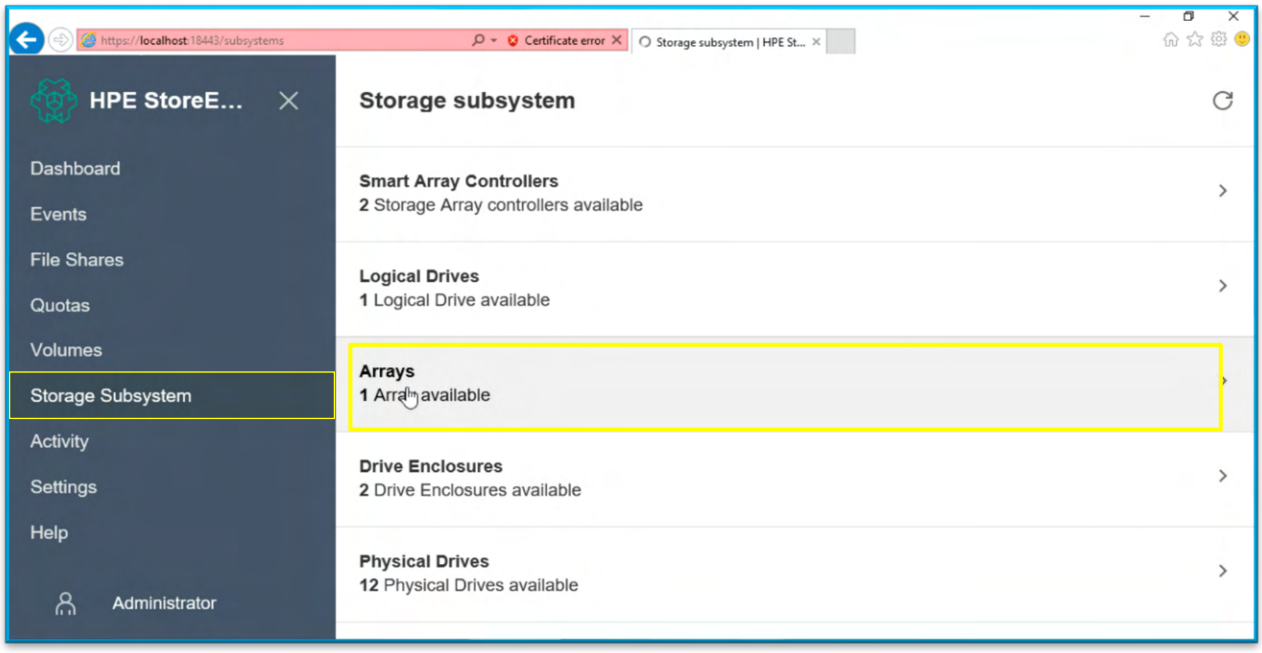


II. Dashboard of storage server.

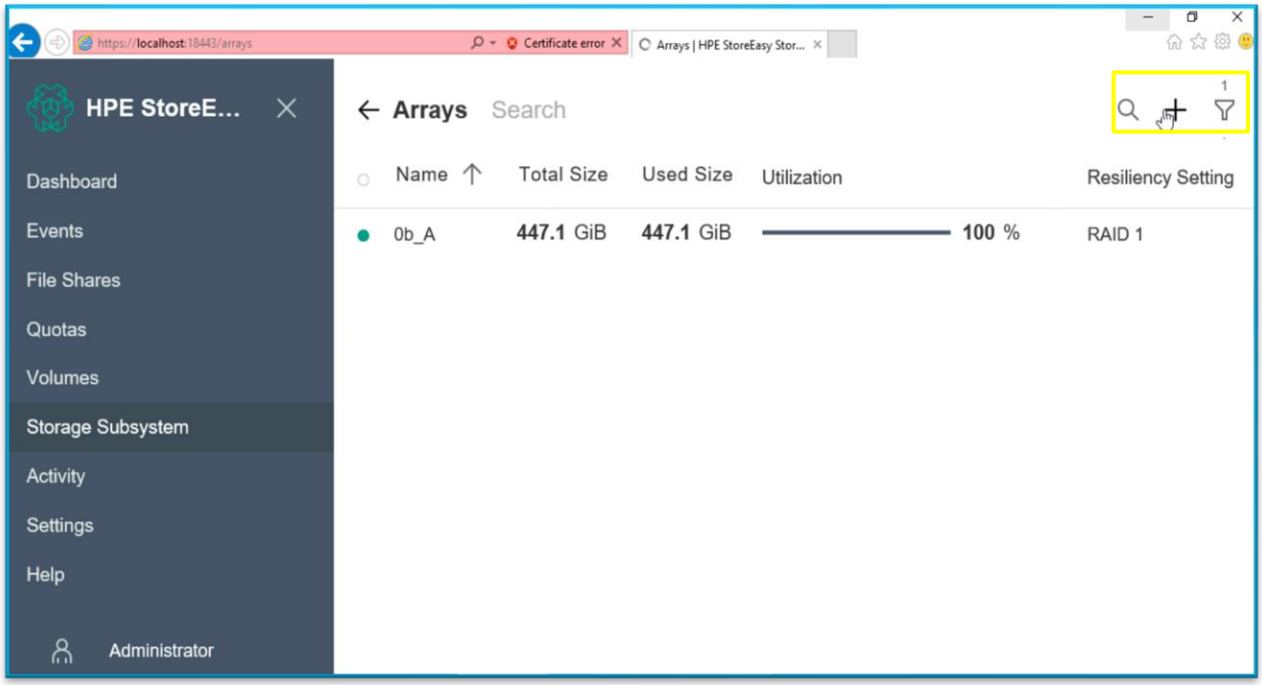


2. Configuring RAID6.

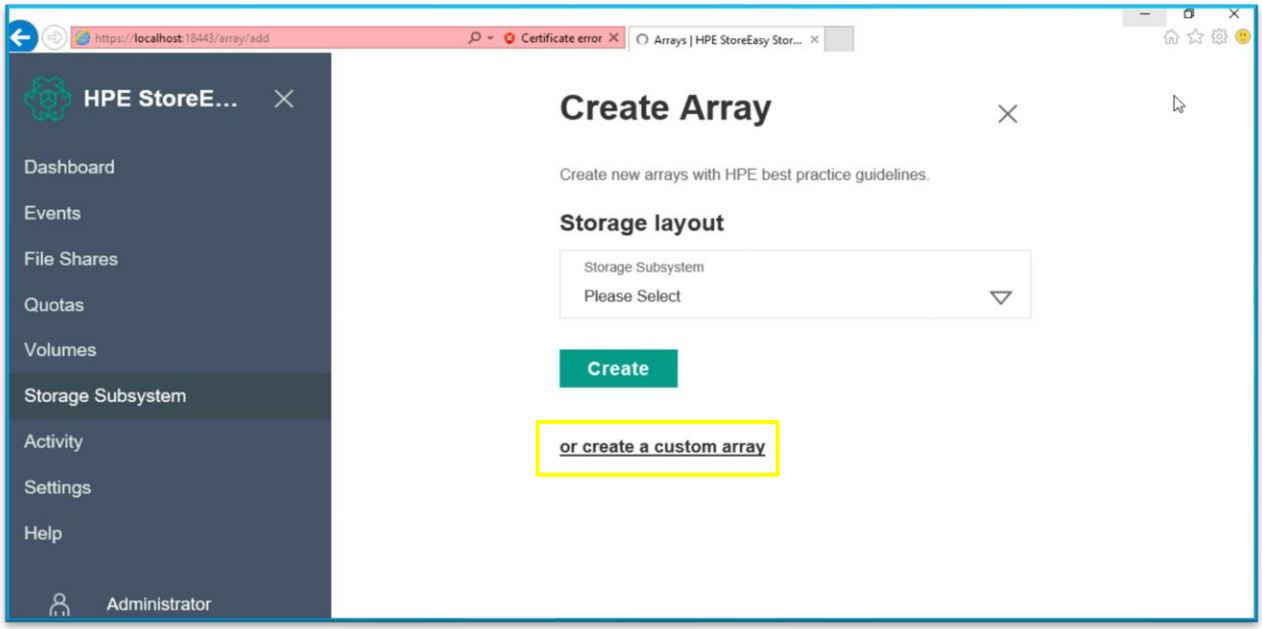
I. For storage RAID creation select on storage subsystem from left side pane after that click on Arrays, As shown below.



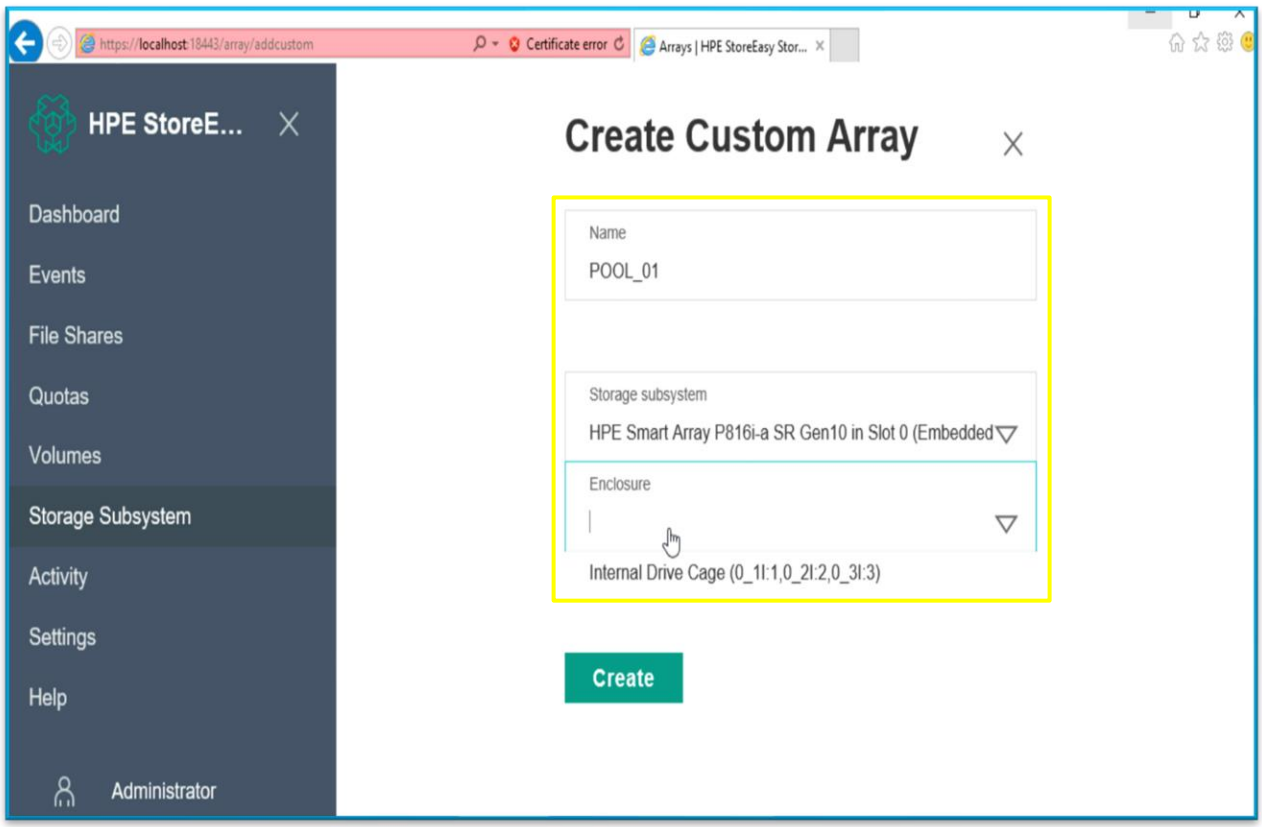
II. After that click on Add symbol for creating Array, As shown below.



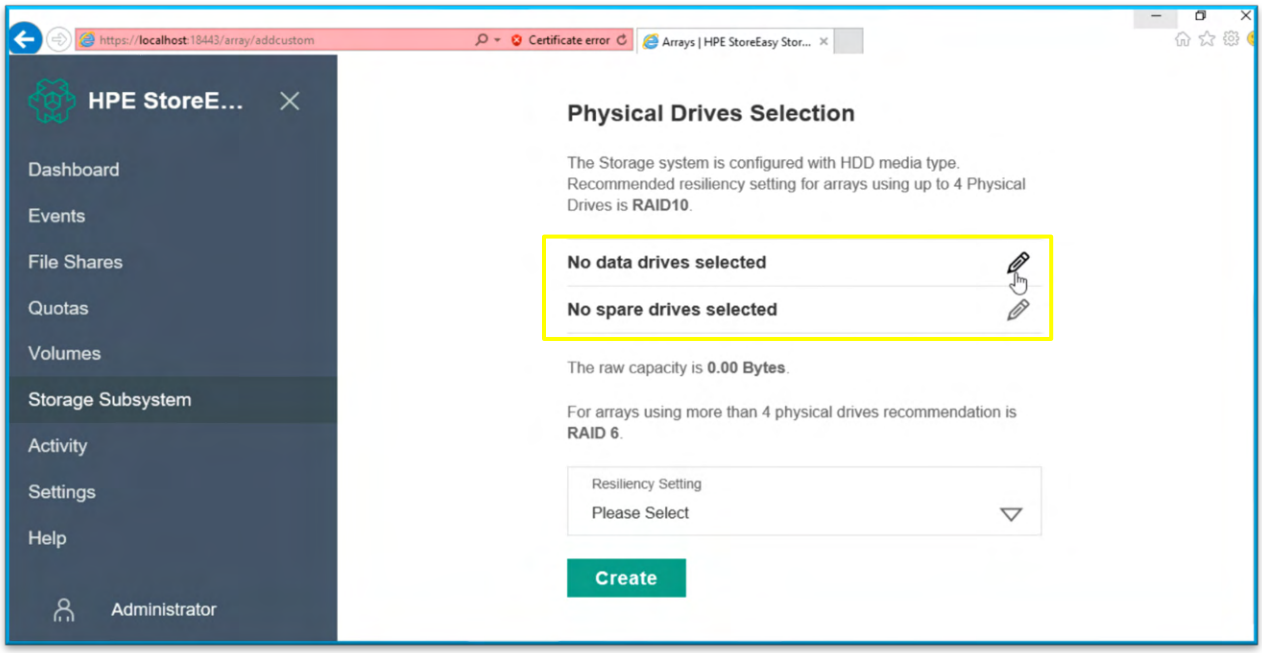
III. Here we have to click on create custom array, As shown below.



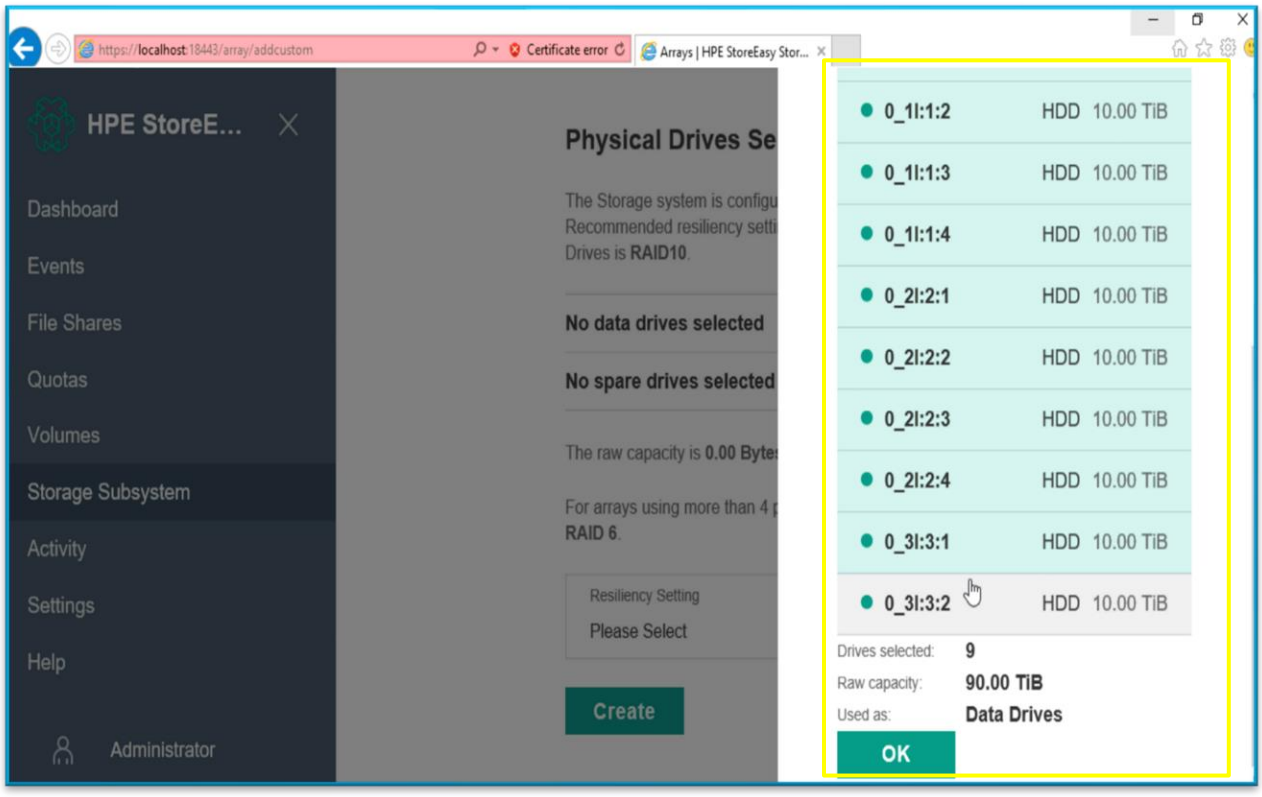
IV. Here we have to mention name for identification of array and select storage RAID slot. After selecting the storage, we have to select enclosure as shown below.



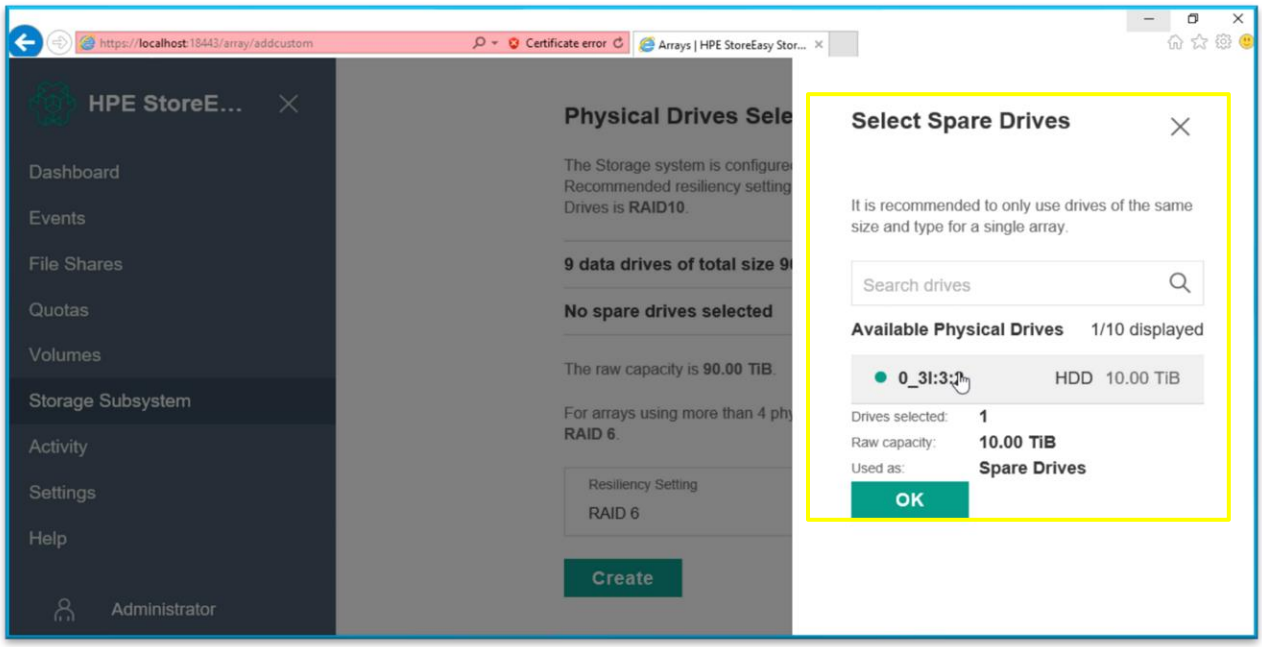
V. Here we have to select data drives and spare drives by click on Edit as shown below.



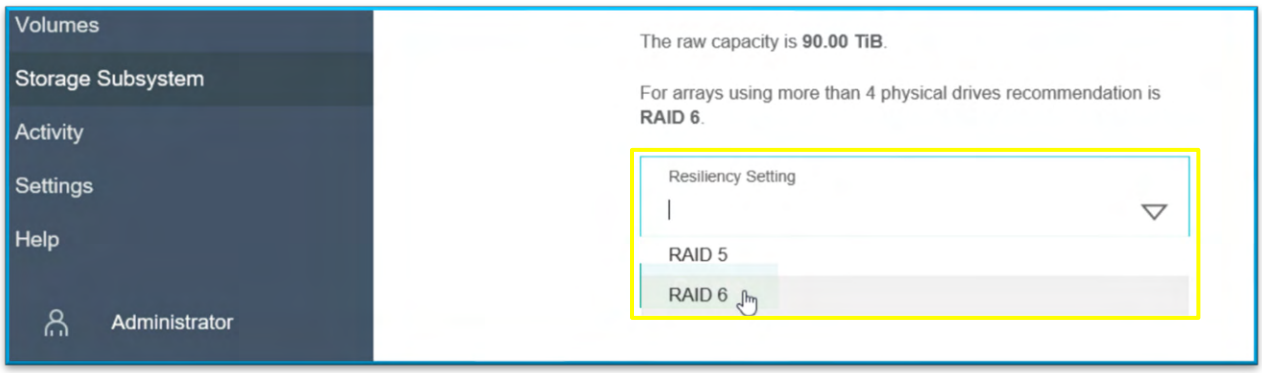
VI. Here total 10 HDD's each size 10 TB, we selected 9 HDD's here and then click ok.



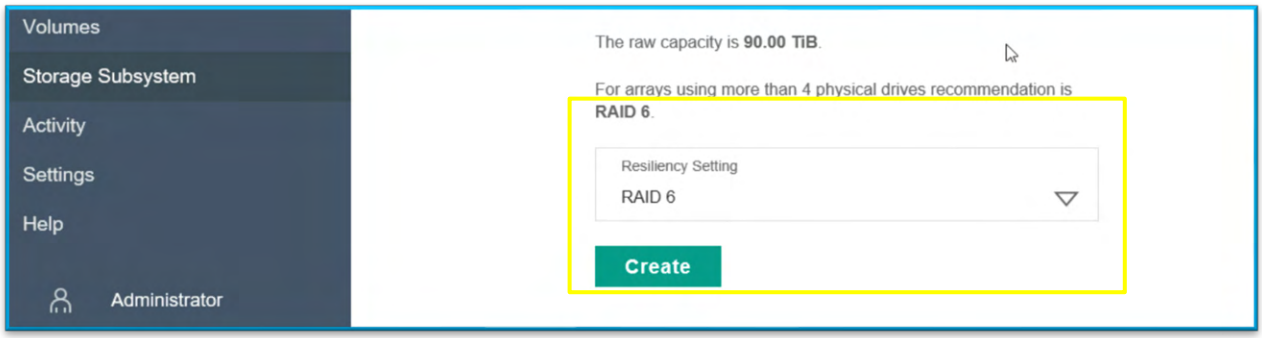
VII. Remain 1 HDD selected for spare drive as shown below.



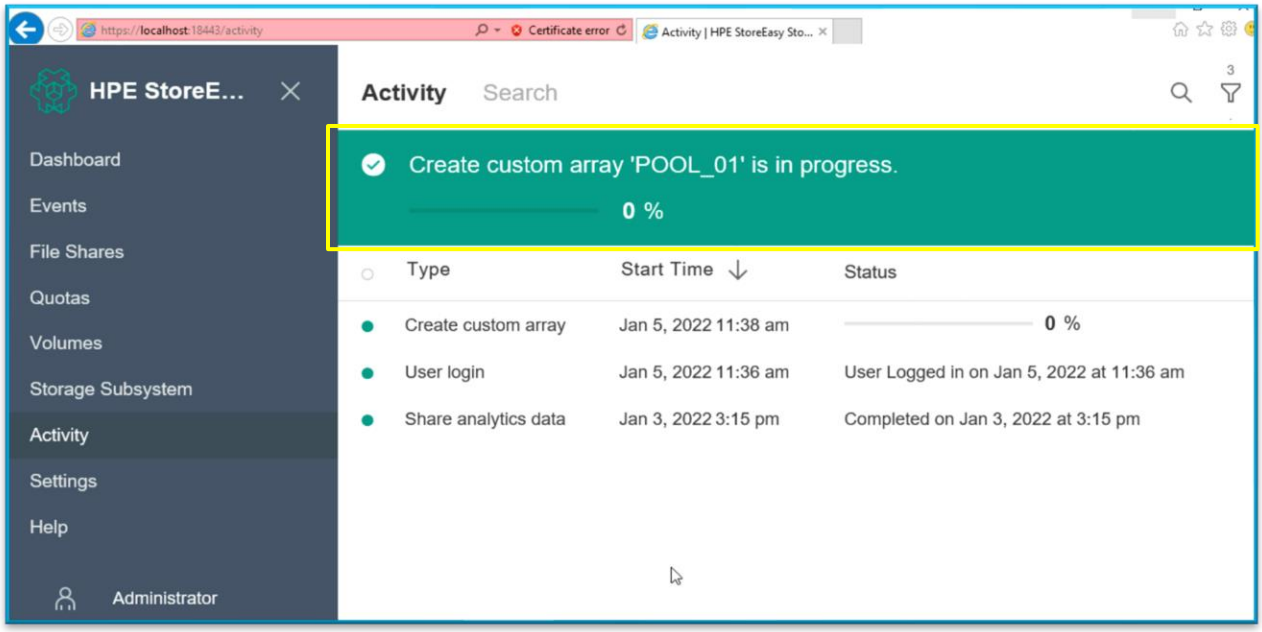
VIII. Here we have to mention type of RAID.



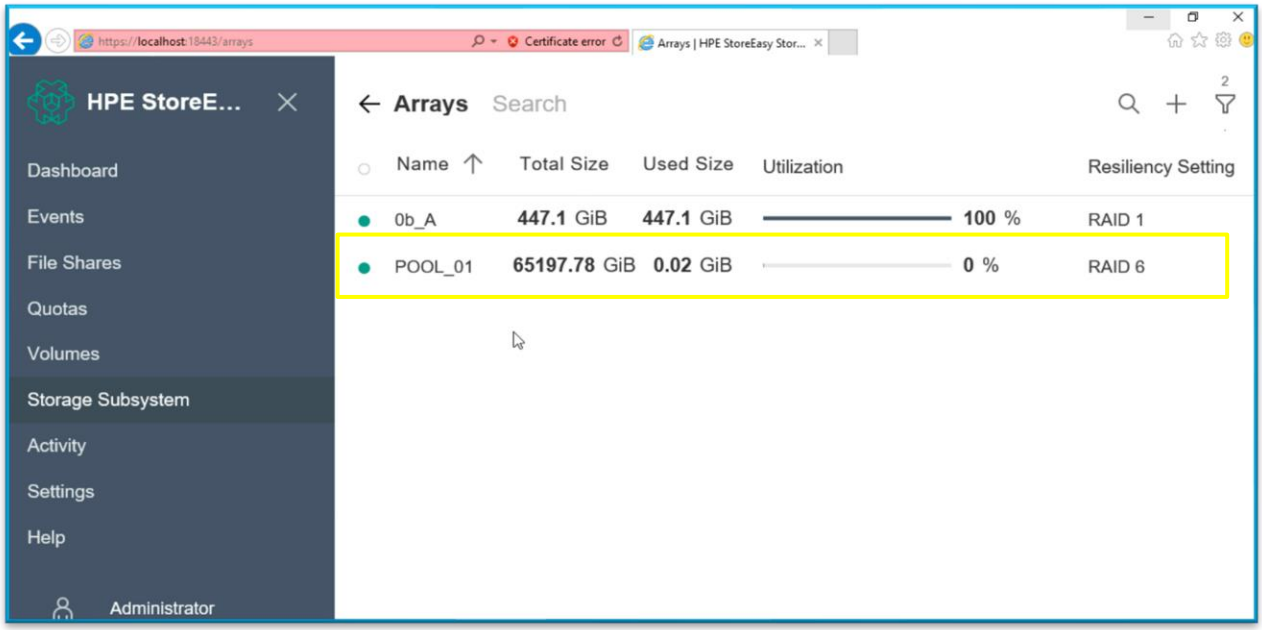
IX. After selecting the RAID level click on create.



X. Here we can see the progress of Array creation.

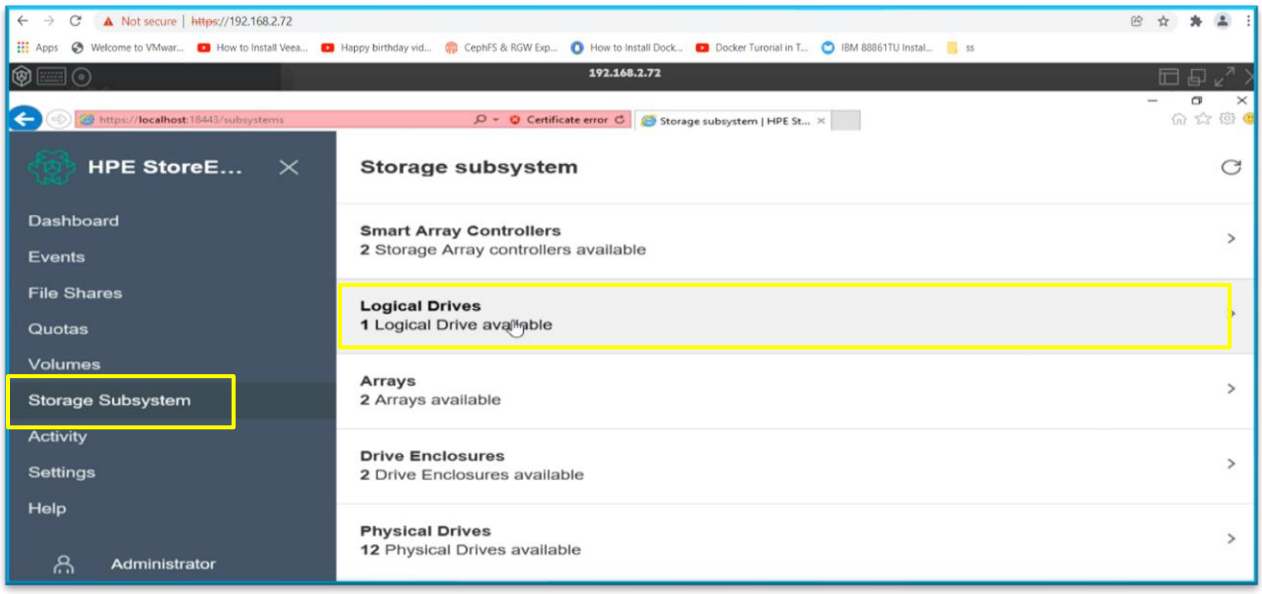


XI. Final out put after creation Array, As shown below.

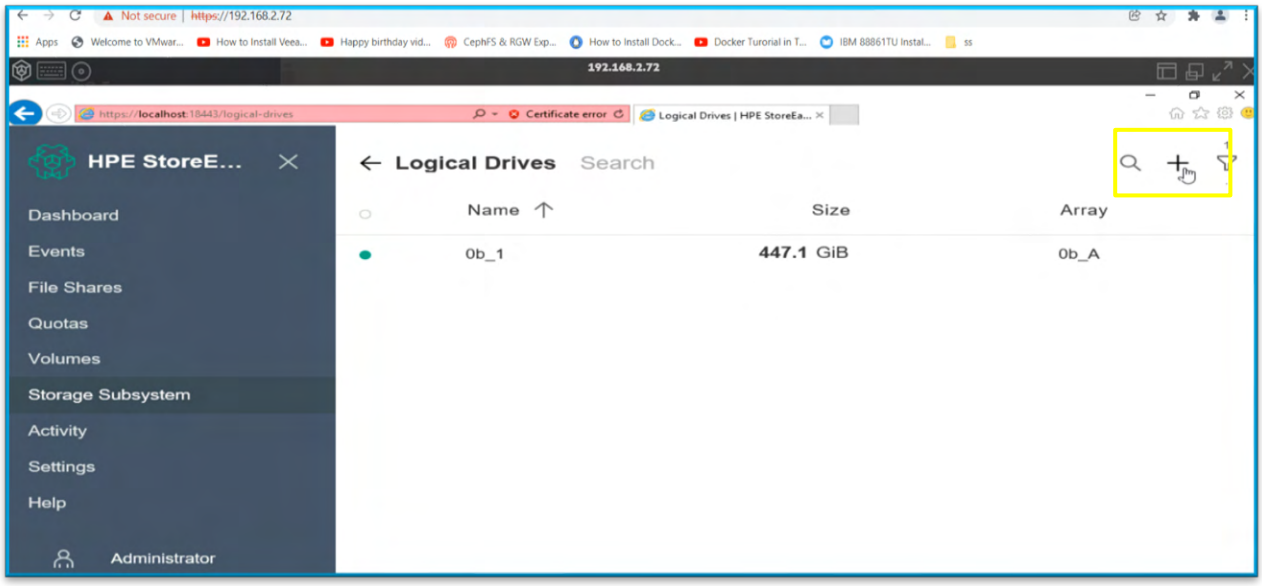


3. Creating Logical Drive.

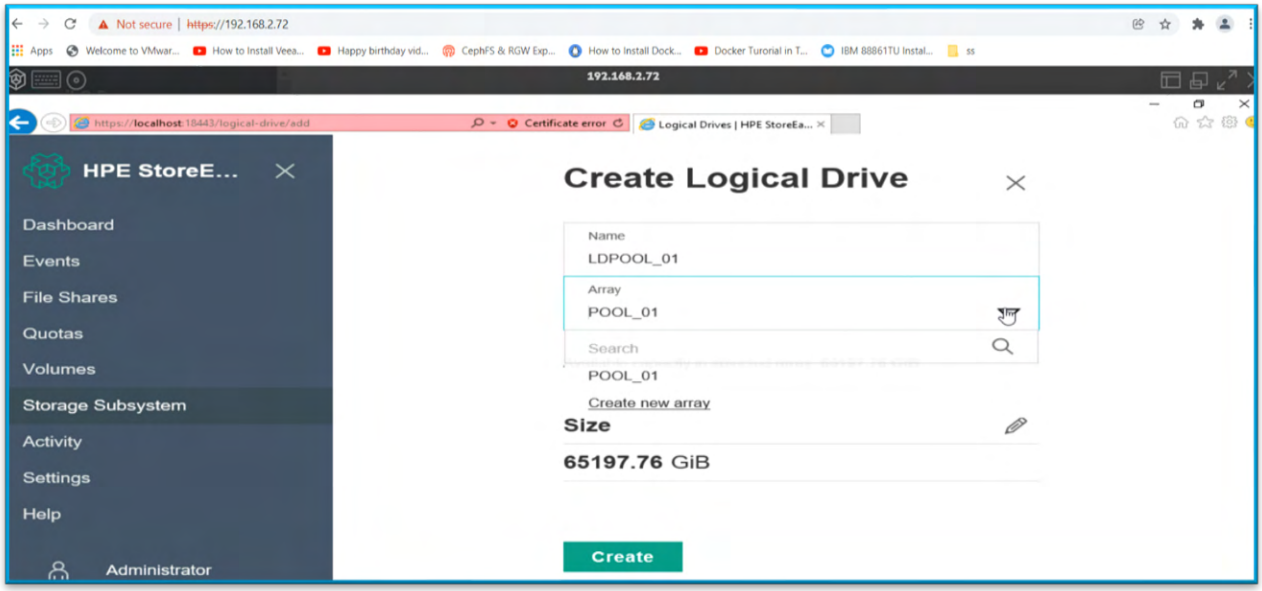
I. Select storage subsystem from the left side pane and then click on Logical Drive form left side.



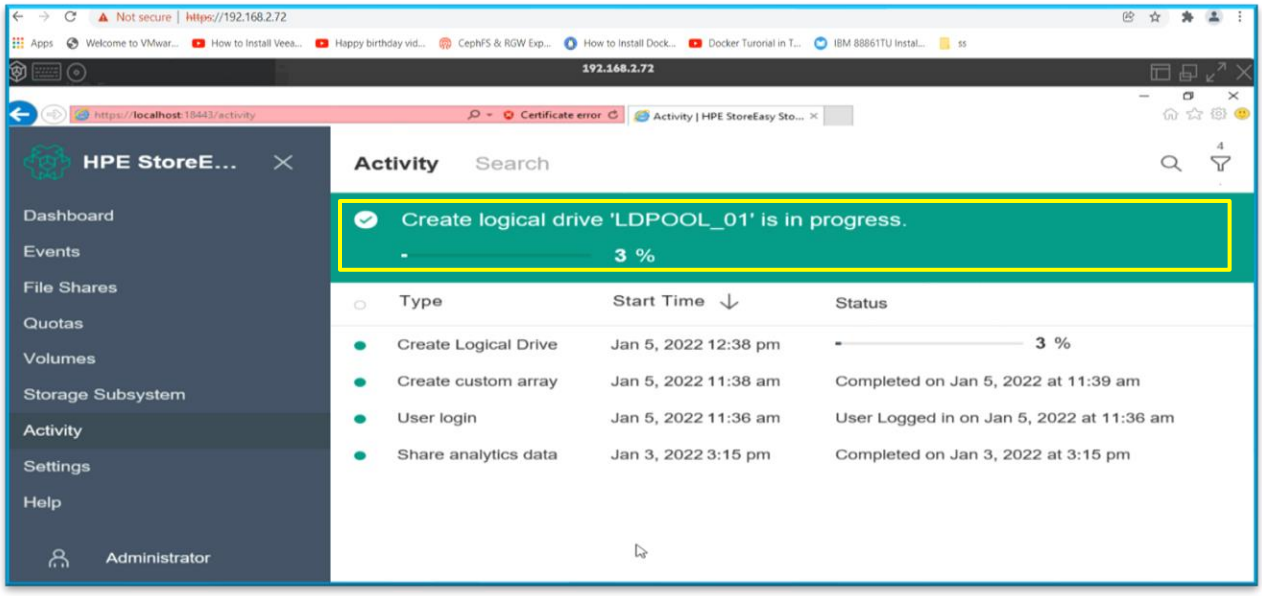
II. Click on add symbol as showing below for creating Logical Drive.



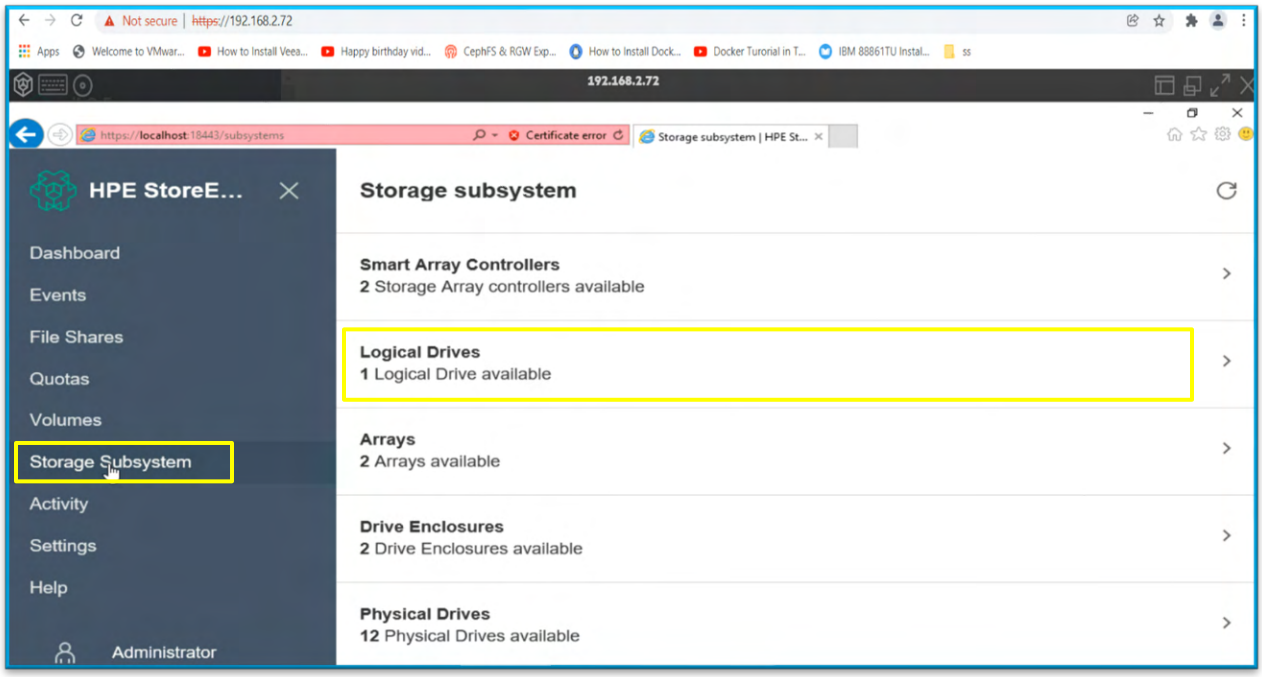
III. Here we have to mention name for the logical drive and select the Array name if we have multiple arrays select one and click on create.

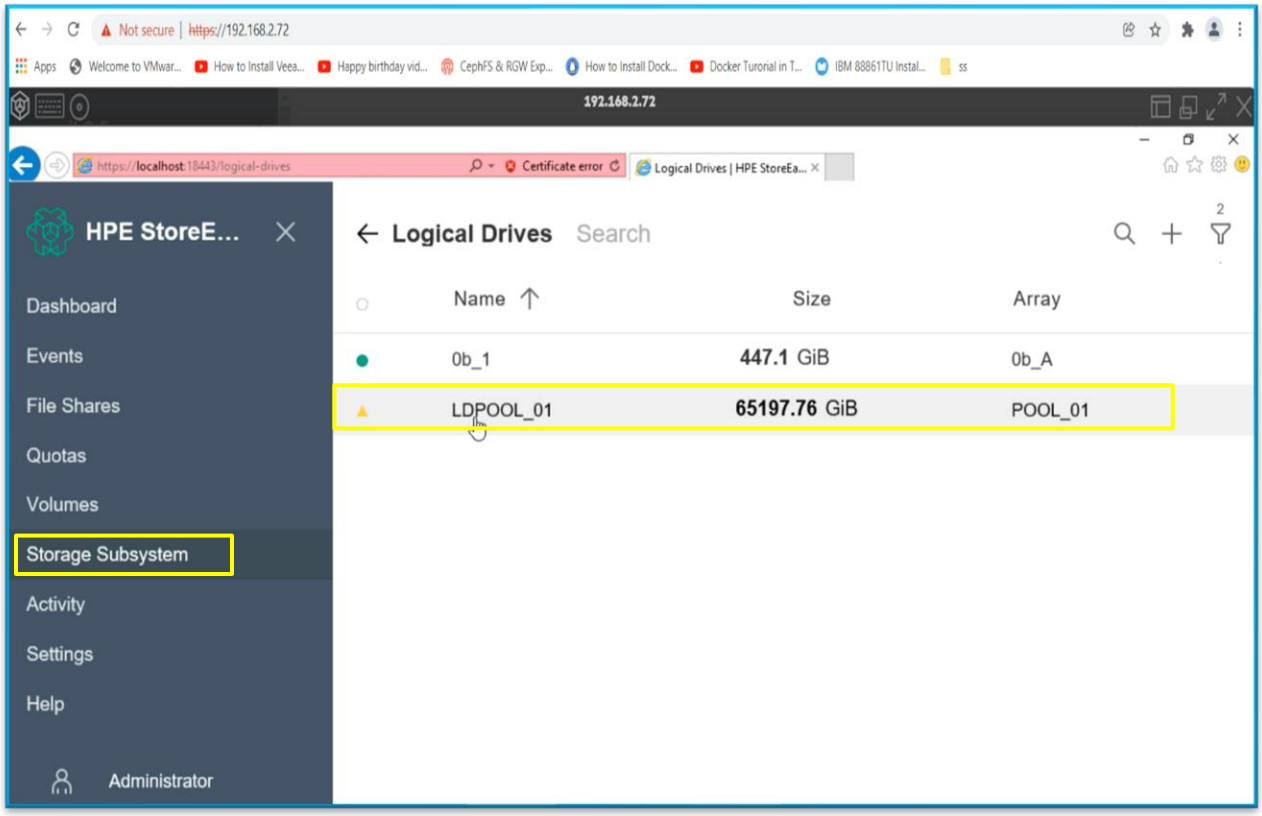


IV. Here we can see the progress of Logical Drive Creation.



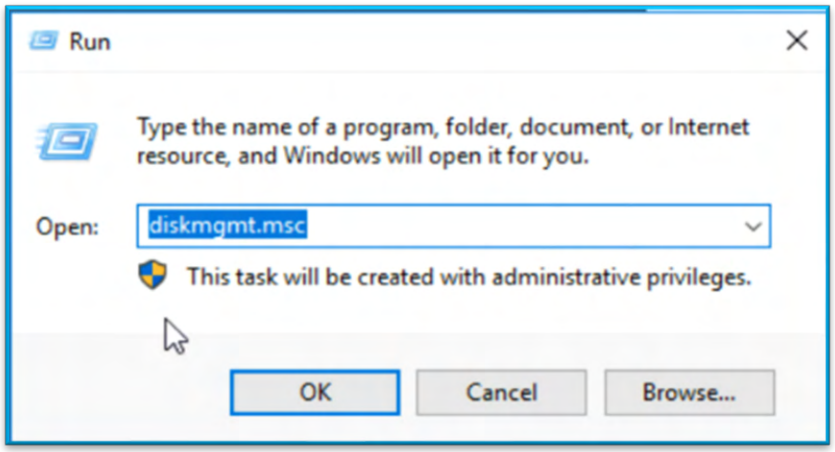
V. Here we can see the logical drives, by clicking on Logical Drives.



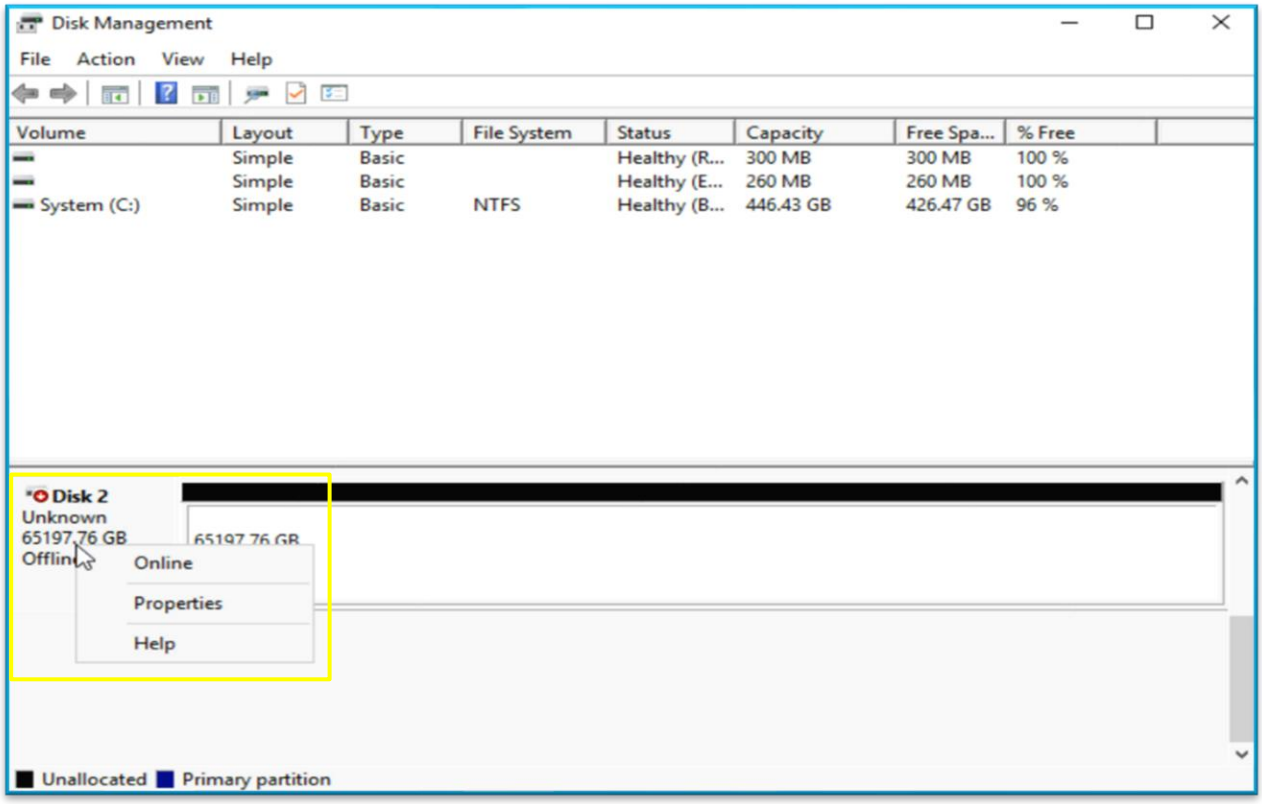


4. Creating Drive Partition.

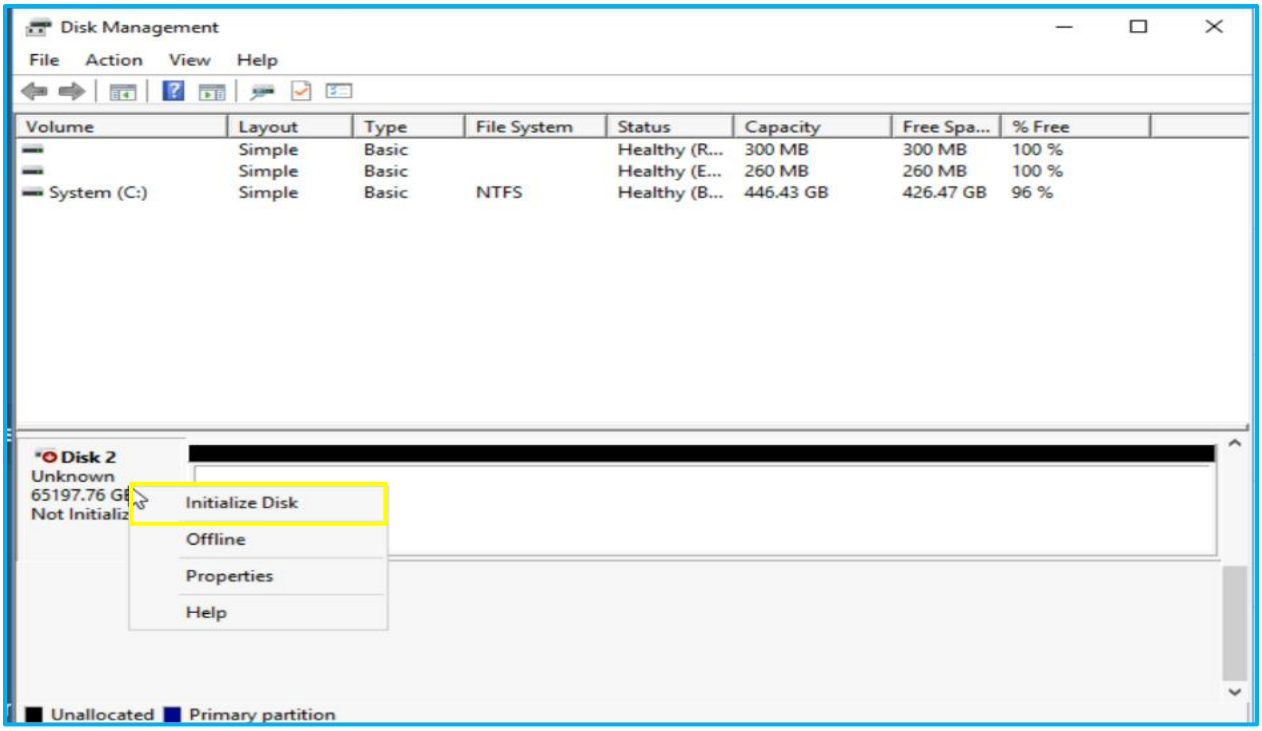
I. Type diskmgmt.msc in Run.



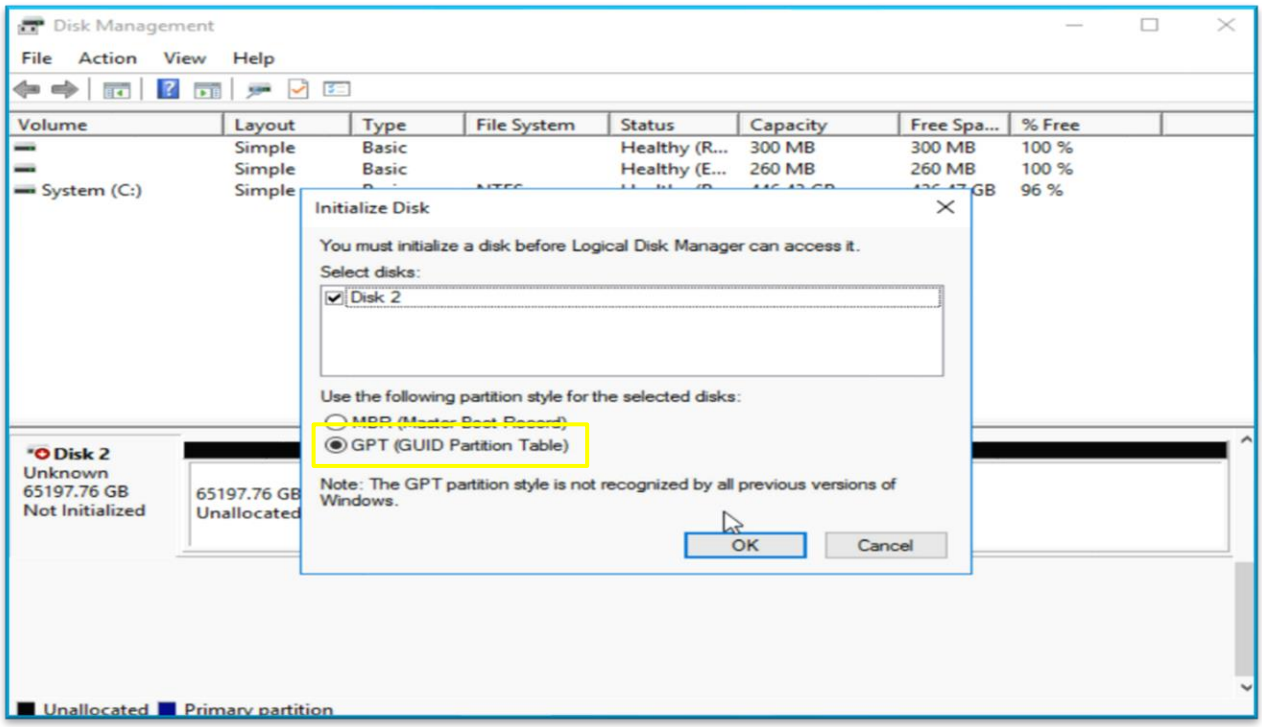
II. Here select the disk and right click on it and bring in to online by clicking on Online, as shown below.



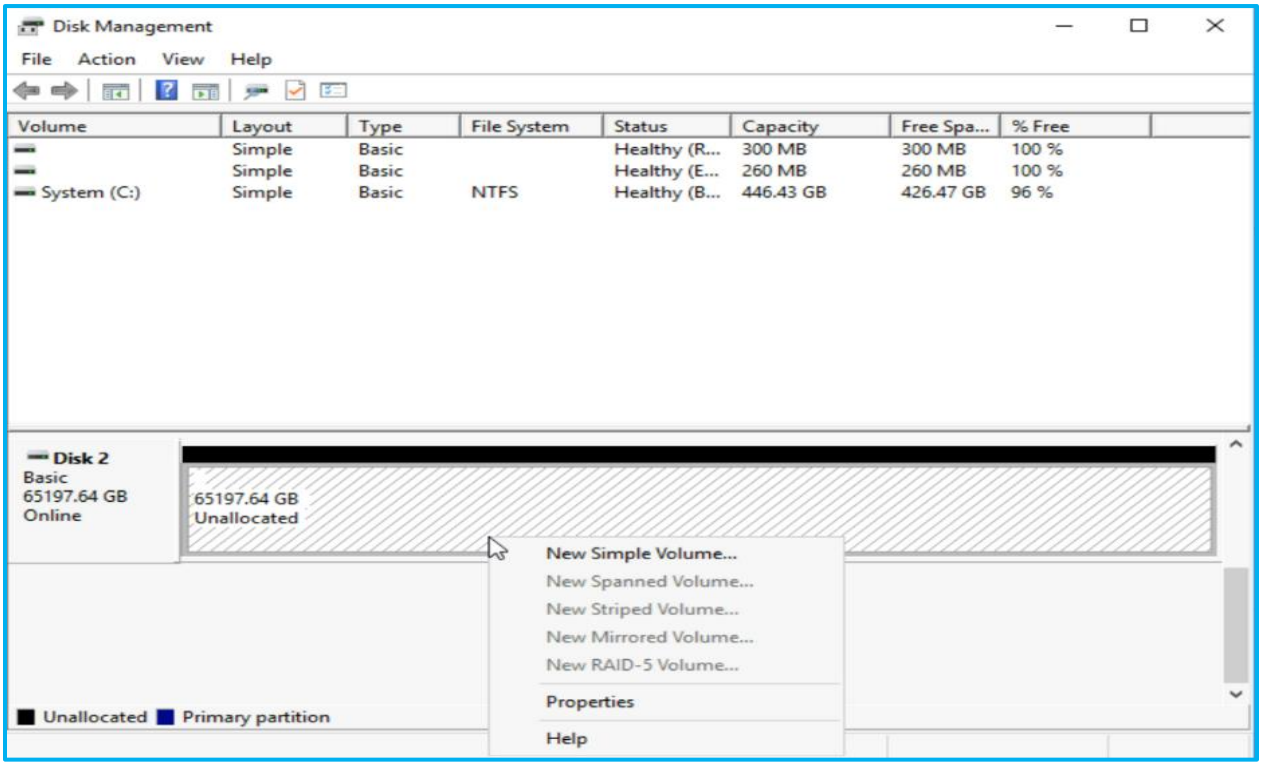
III. Once came online we have to initialize disk by click on initialize disk as shown below.



IV. Here we have to select the style of partition and then click ok.

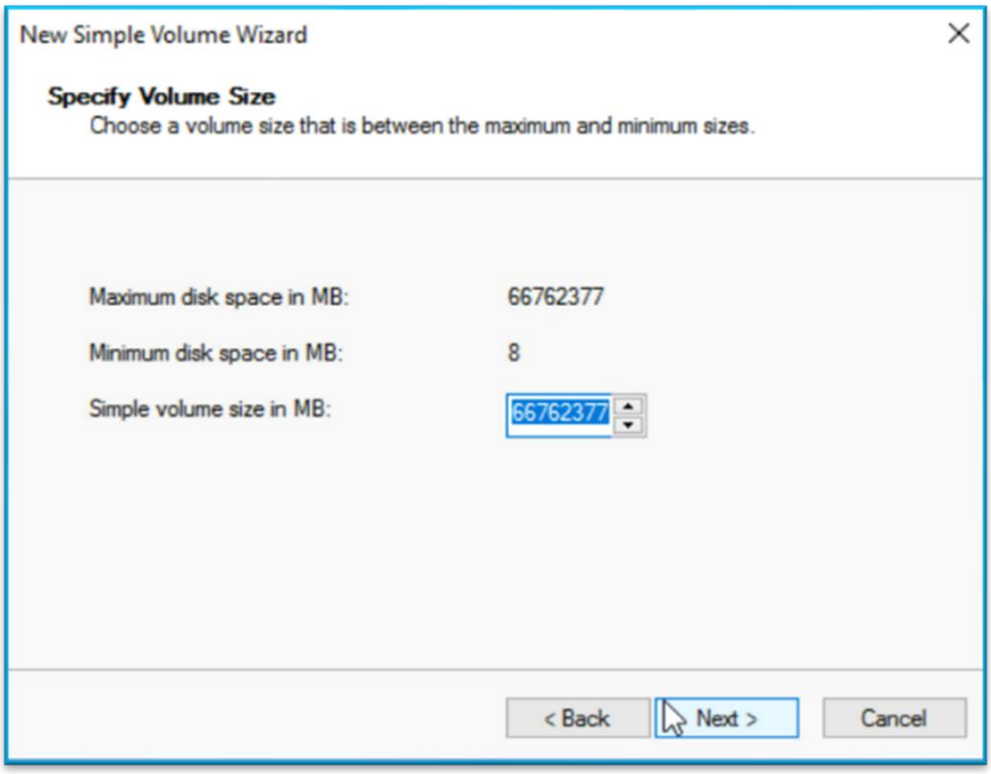


V. Right click on the disk and click on New simple Volume for creating New Partition.

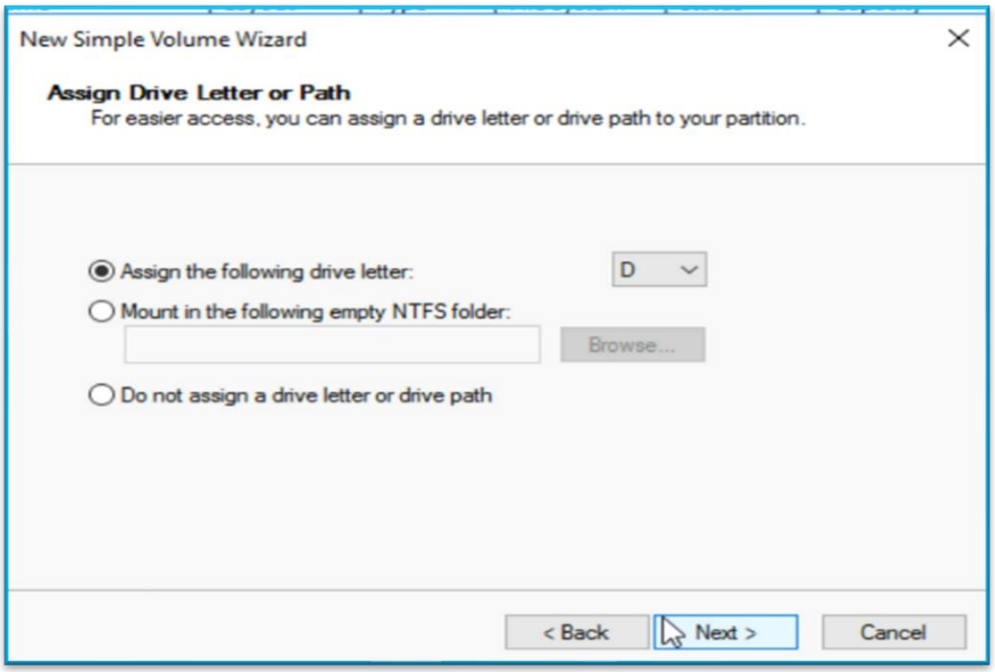


VI. Click on Next.

VII. Here we have to specify the volume size. And then click on Next.

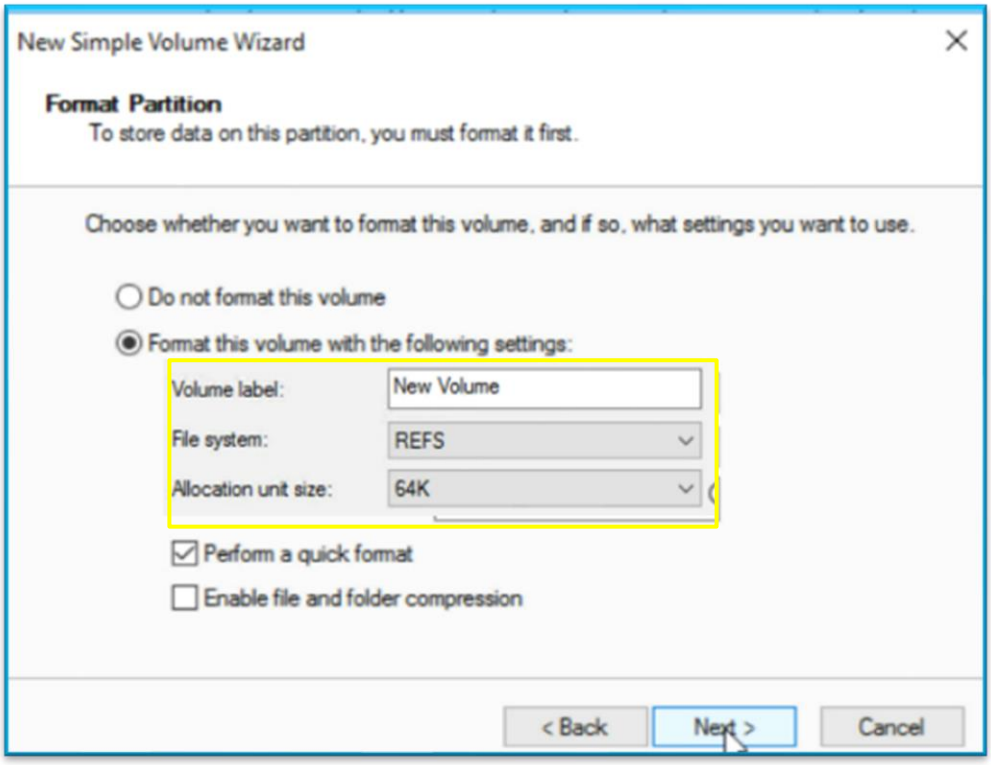


VIII. Here we have to Assign the drive letter for identifying.

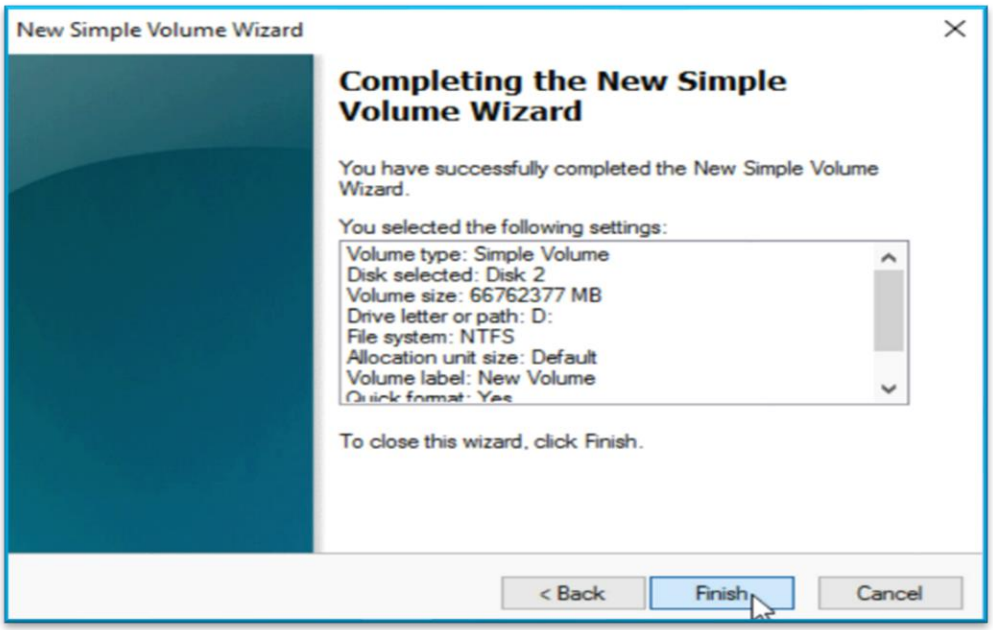


IX. Here we have to mention the file system type and Unit size.

This drive we are using for Veeam Backup purpose, so we have to choose file system type as REFS and allocation unit size if 64K. Click Next to continue.



Click on Finish.



5. Storage Servers and VM's Details of 3 Locations.

Gachibowli		
HPE StoreEasy 1600 | Serial Num: SGH112W8CB		
S.NO	Name	IP
1	ILO (Management)	192.168.2.72
2	Storage Server	192.168.2.71
Storage Information		
1	Total Installed Disks	10
2	Each Disk Size	10TB SAS
3	RAID Level	RAID6
4	After RAID Configuration Total size	65TB
Veeam Backup & Replication Server Details		
1	VM-1	Windows Server 2016
2	Server IP	192.168.2.20
3	CPU	12CPU's
4	RAM	32GB
5	HDD	500GB
Veeam One Server Details		
1	VM-2	Windows Server 2016
2	Server IP	192.168.2.22
3	CPU	4CPU's
4	RAM	8GB
5	HDD	200GB

Jubilee Hills		
HPE StoreEasy 1600 | Serial Num: SGH112W8C8		
S.NO	Name	IP
1	ILO (Management)	192.168.1.91
2	Storage Server	192.168.1.92
Storage Information		
1	Total Installed Disks	6
2	Each Disk Size	10TB SAS
3	RAID Level	RAID 5
4	After RAID Configuration Total size	30TB
Veeam Backup & Replication Server Details		
1	OS Name	Windows Server 2016
2	Server IP	192.168.1.92
Veeam Backup Software installed in Storage Server only		

Karakapatla		
HPE StoreEasy 1600 | Serial Num: SGH112W88L		
S.NO	Name	IP
1	ILO (Management)	192.168.15.25
2	Storage Server	192.168.15.26
Storage Information		
1	Total Installed Disks	6
2	Each Disk Size	4TB SAS
3	RAID Level	RAID 5
4	After RAID Configuration Total size	14TB
Veeam Backup & Replication Server Details		
1	OS Name	Windows Server 2016
2	Server IP	192.168.15.26
Veeam Backup Software installed in Storage Server only		