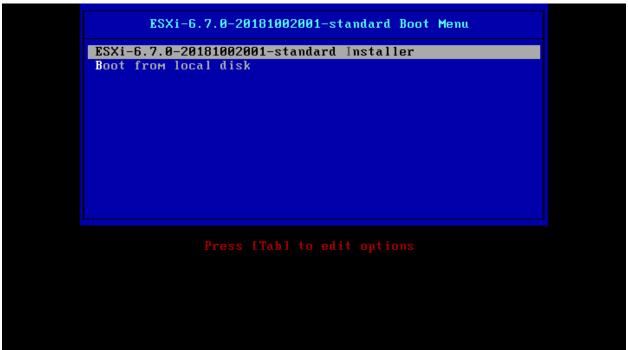
Installing and Attaching OpenFiler to VMware ESXi

Requirements:

- 1 Windows Server VM (2 GB RAM, 1 CPU with 2 Cores, 1 SCSI HDD)
- 1 OpenFiler VM (4 GB RAM, 1 CPU with 2 Cores, 2 IDE HDDs)
- 1 ESXi VM (4 GB RAM, 2 CPU with 2 Cores, 1 SCSI HDD)
 - Ensure that the processor is virtualized for ESXi VM and VM type is set to VMWare ESX
 - Ensure the NICs are set to use the same VMnet and subnet

ESXi

- 1) Create the virtual machine (VM) according to specification required above
- Attach the VMware VSphere iso to the VM (Click CD/DVD > set connection to "Use ISO image file" > Navigate and select iso file)
- 3) Power on VM
- 4) Push enter



5) Push enter



6) Push enter



End User License Agreement (EULA)

VMµare ESXi 6.5.0 Installer

VMWARE END USER LICENSE AGREEMENT

PLEASE NOTE THAT THE TERMS OF THIS END USER LICENSE AGREEMENT SHALL GOVERN YOUR USE OF THE SOFTWARE, REGARDLESS OF ANY TERMS THAT MAY APPEAR DURING THE INSTALLATION OF THE SOFTWARE.

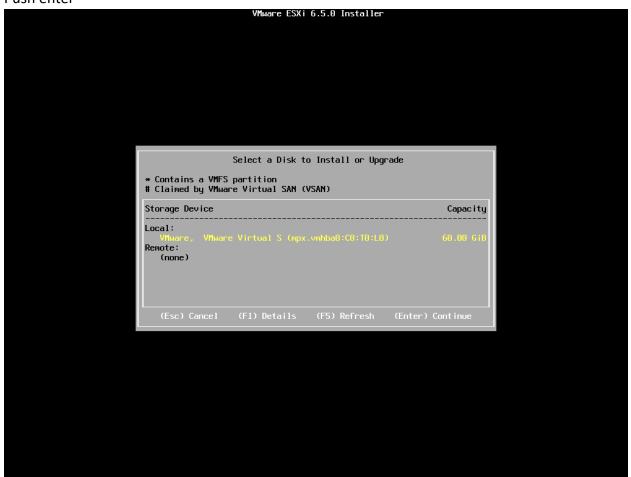
IMPORTANT-READ CAREFULLY: BY DOWNLOADING, INSTALLING, OR USING THE SOFTHARE, YOU (THE INDIVIDUAL OR LEGAL ENTITY) AGREE TO BE BOUND BY THE TERMS OF THIS END USER LICENSE AGREEMENT ("EULA"). IF YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MUST NOT DOWNLOAD, INSTALL, OR USE THE SOFTHARE, AND YOU MUST DELETE OR RETURN THE UNUSED SOFTHARE TO THE VENDOR FROM WHICH YOU ACQUIRED IT WITHIN THIRTY (30) DAYS AND REQUEST A REFUND OF THE LICENSE FEE, IF ANY, THAT

Use the arrow keys to scroll the EULA text

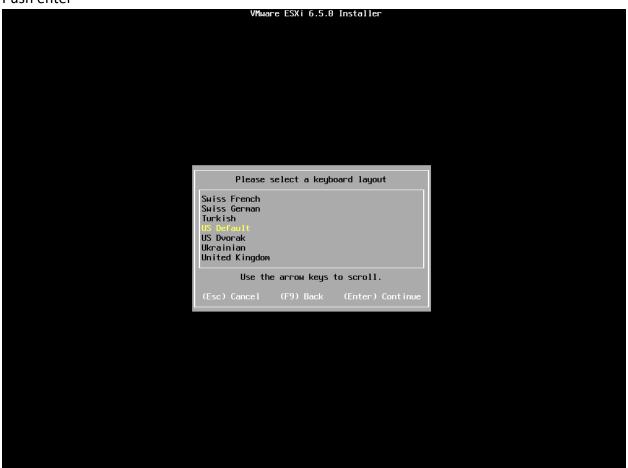
(ESC) Do not Accept

(F11) Accept and Continue

8) Push enter



9) Push enter



10) Set a password



11) Push F11

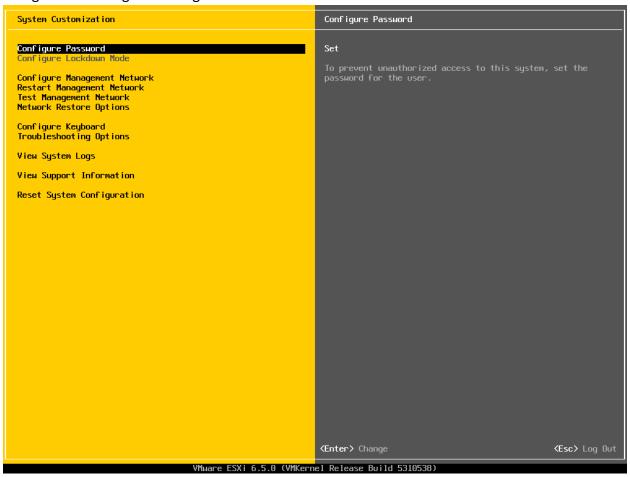


Installation Complete ESKi 6.5.0 has been installed successfully. ESKi 6.5.0 will operate in evaluation node for 60 days. To use ESKi 6.5.0 after the evaluation period, you must register for a Whare product license. To administer your server, navigate to the server's hostname or IP address from your use browser or use the Direct Control User Interface. Bonove the installation nation before reporting. Reboot the server to start using ESXi 6.5.0. (Enter) Reboot

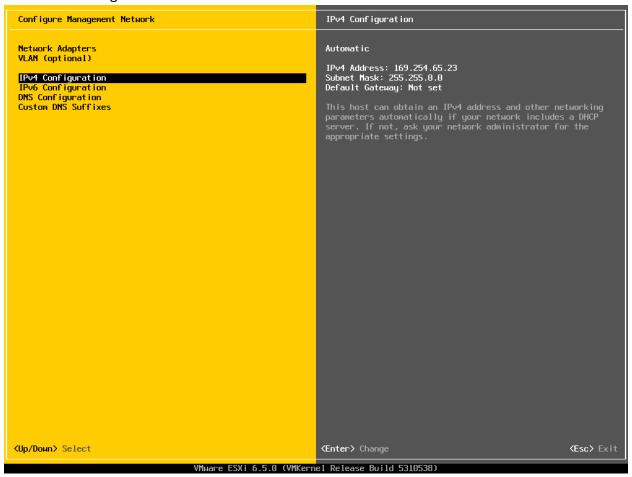
13) Push F2 and enter the root password



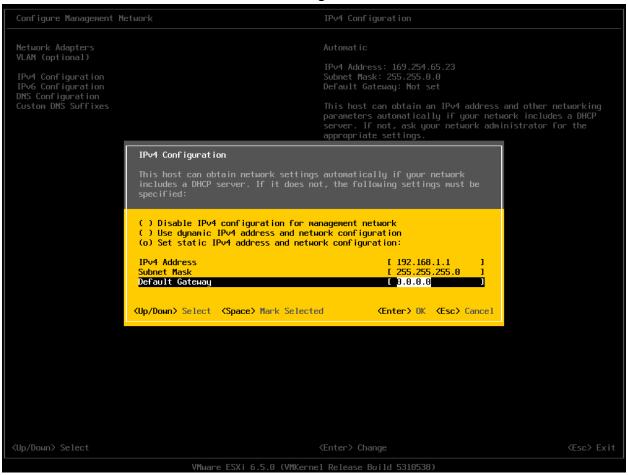
14) Navigate to "Configure Management Network"



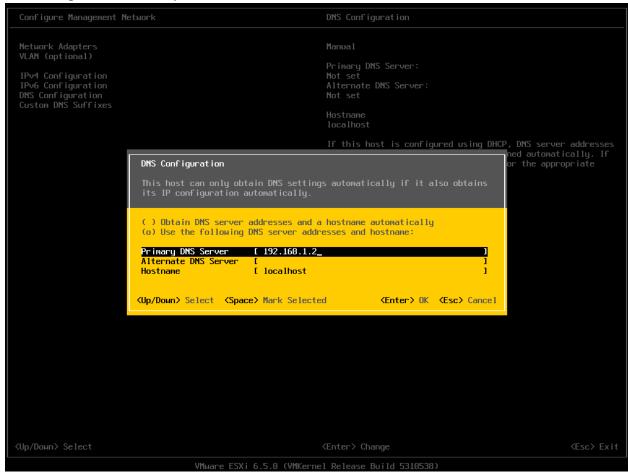
15) Select IPv4 configuration



16) Select "Set static IPv4 address and network configuration"



17) Select DNS Configuration, set the primary DNS Server to the Windows Server VM controlling the ESXi and OpenFiler VMs



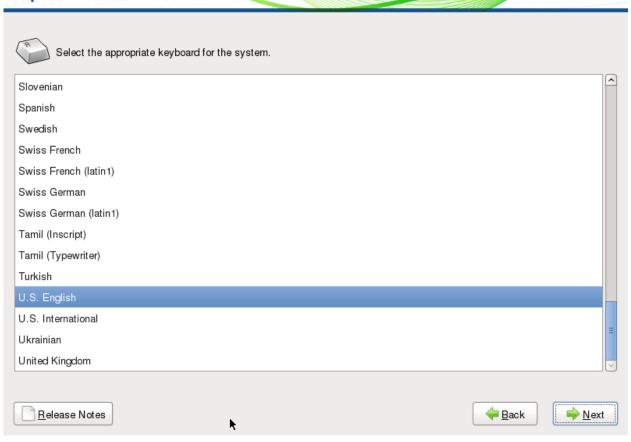
18) Push esc and type Y

OpenFiler

- 1) Create a FreeBSD VM with 4 GB RAM and 1 CPU with 2 cores, 1 IDE HDD
- 2) Start the VM, push enter
- 3) Click next

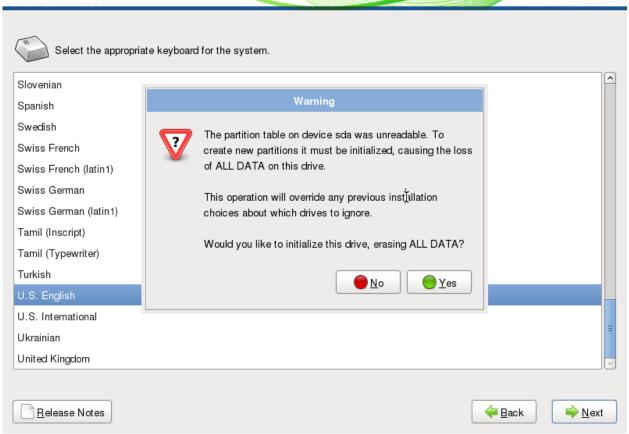


4) Select keyboard layout, click next



5) Click yes

openfiler



6) Accept defaults, click next

openfiler

Installation requires partitioning of your hard drive. By default, a partitioning layout is chosen which is reasonable for most users. You can either choose to use this or create your own.

Remove all partitions on selected drives and create default layout

Select the drive(s) to use for this installation.

Select the drive(s) to use for this installation.

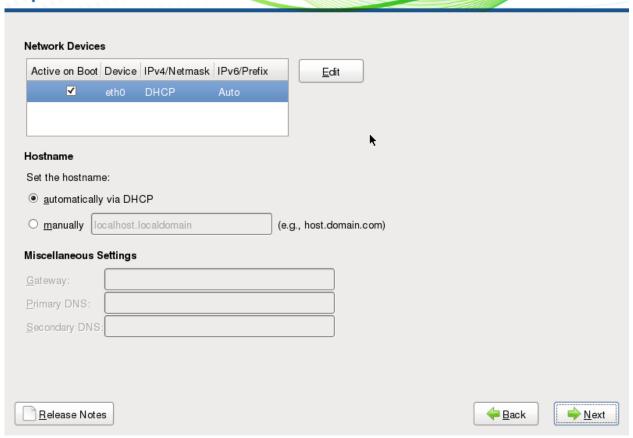
What drive would you like to boot this installation from?

Sda 61436 MB ATA VMware Virtual I

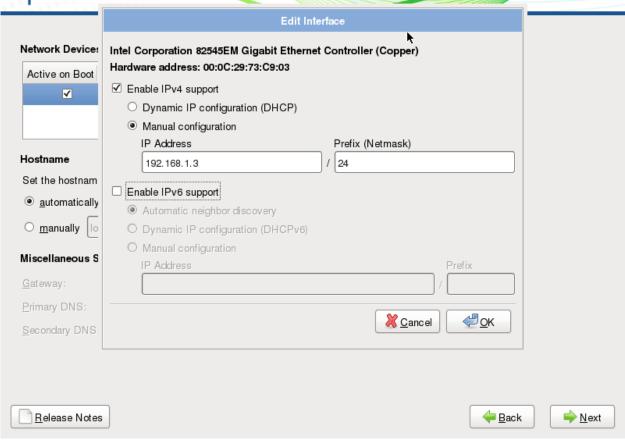
Review and modify partitioning layout

Review and modify partitioning layout

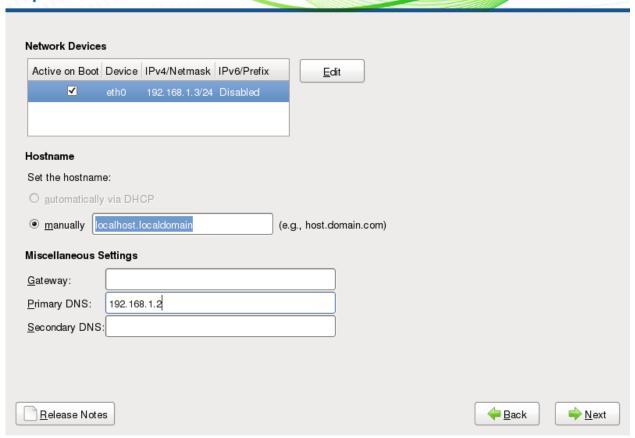
7) Click edit

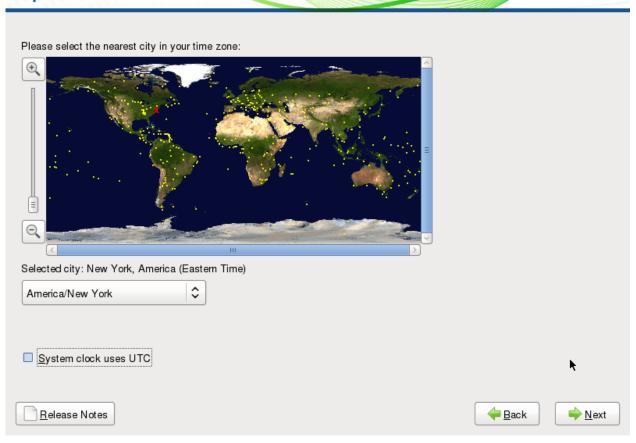


8) Select manual configuration and set the IP address and subnet mask prefix

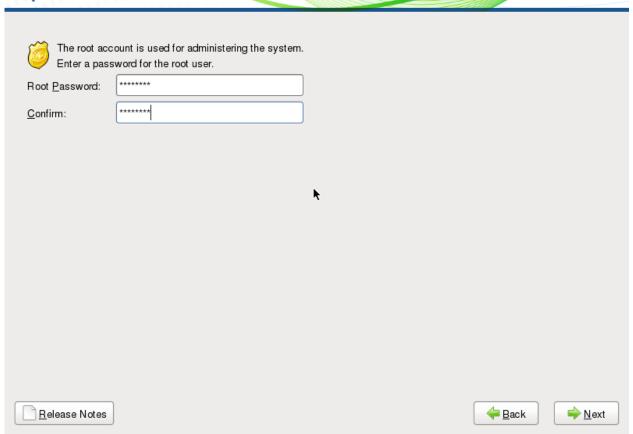


9) Set the primary DNS to the IP address of the Windows Server VM





11) Set a root password



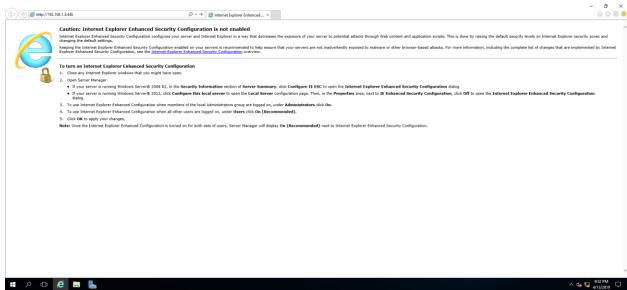
openfiler



13) Click reboot

Windows Server VM

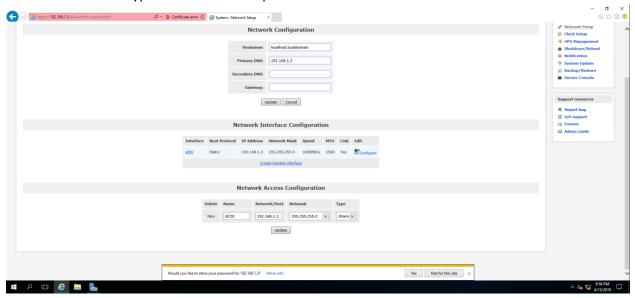
1) Open internet explorer and in the browser bar type in https://IP address of OpenFiler server followed by:446



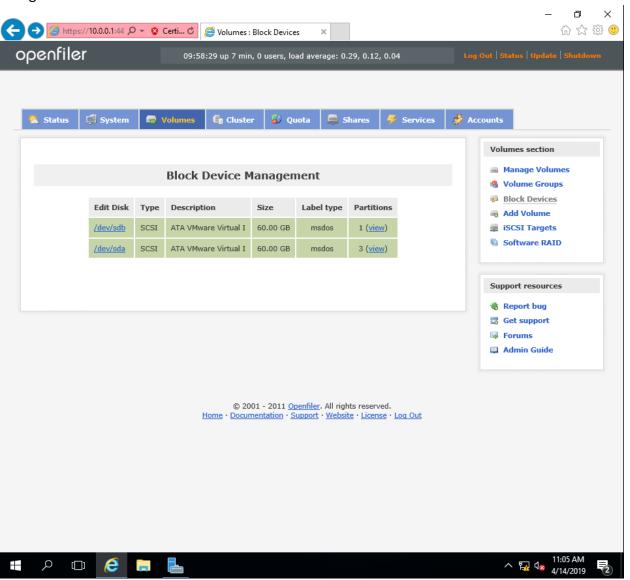
2) Enter in the username and password



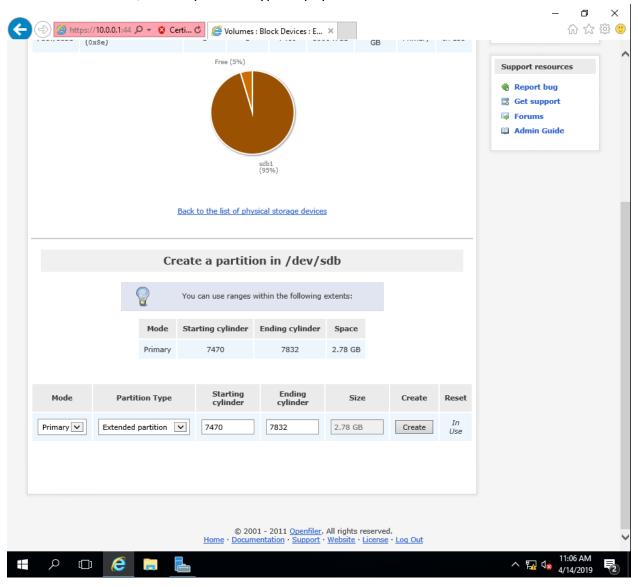
3) Click systems > scroll down to Network configuration > point the ip address to the ESXi server and set the type to share. Click update.



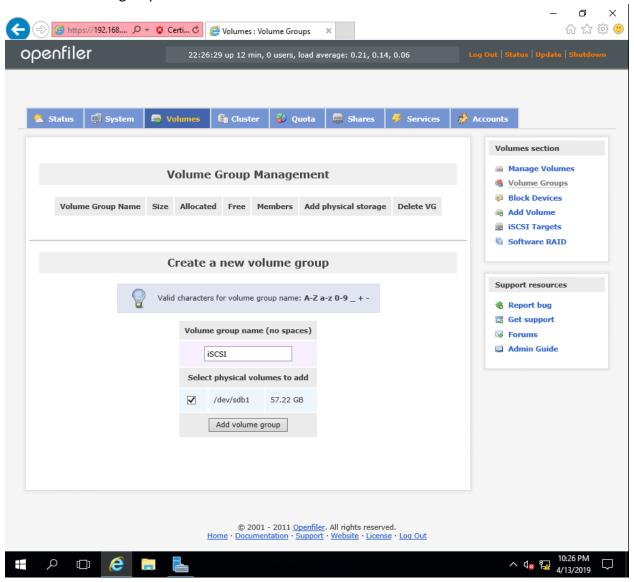
4) Navigate to volumes > block devices click edit disk



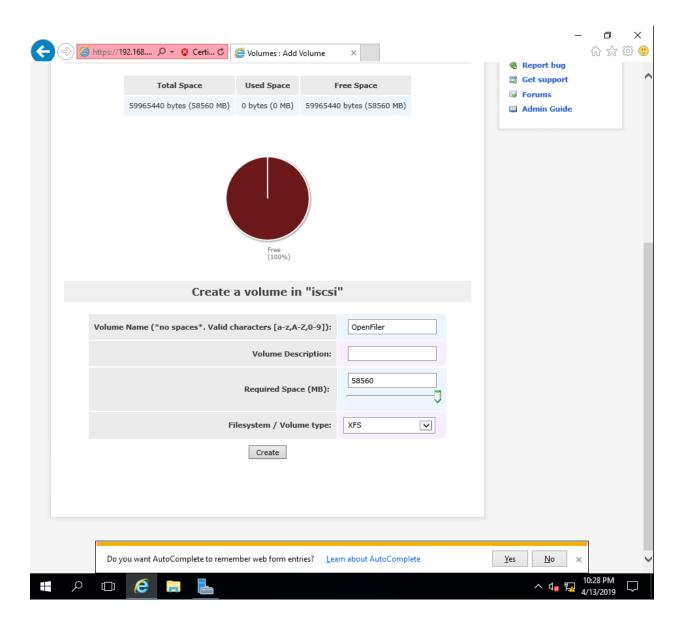
5) Scroll to the bottom, set the partition type to physical volume. Click create

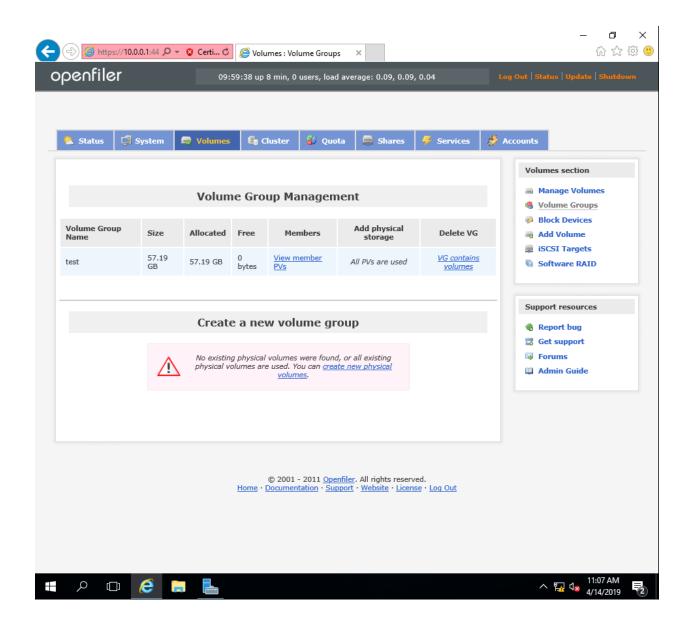


6) Click volume groups, enter a name for the volume group and select a volume to add. Click add volume group

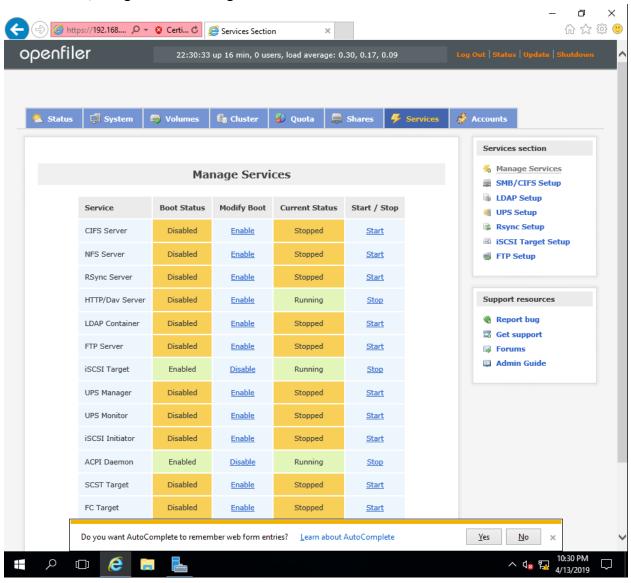


7) Click add volume(right hand side menu), scroll to the bottom. Set volume name and required space as needed click create. Leave file system as default.

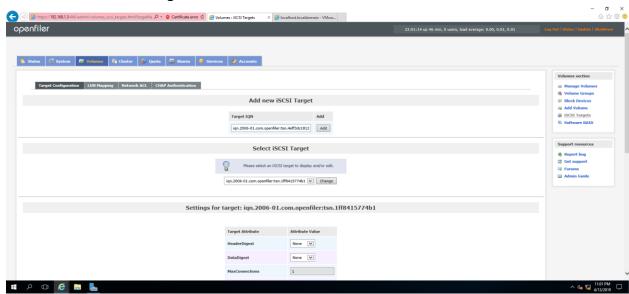




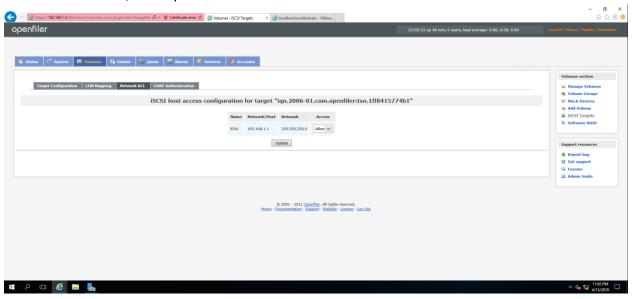
8) Click services, navigate to iSCSI target. Enable and start the service



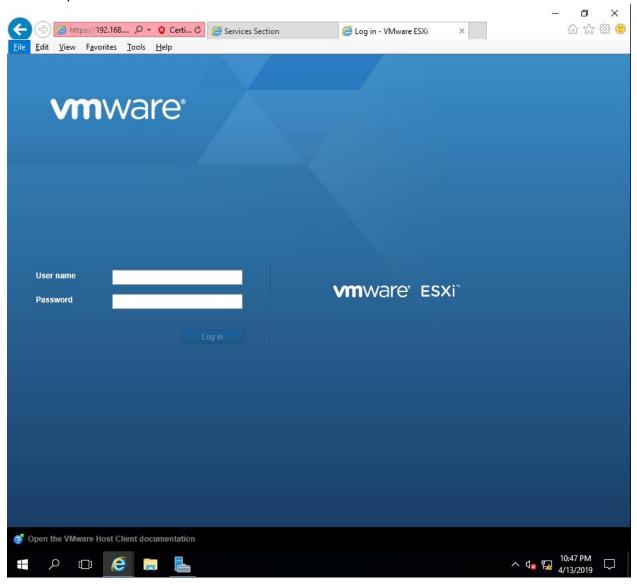
9) Click Volumes > iSCSI Targets > click Add > Network ACL



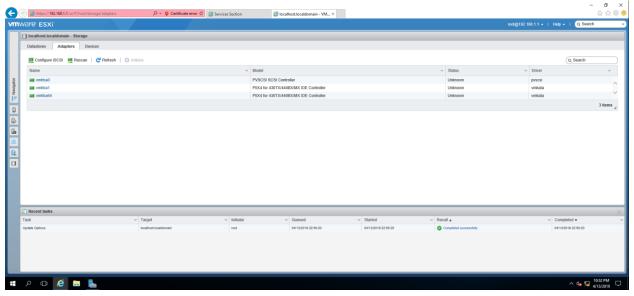
10) Set access to allow, click update



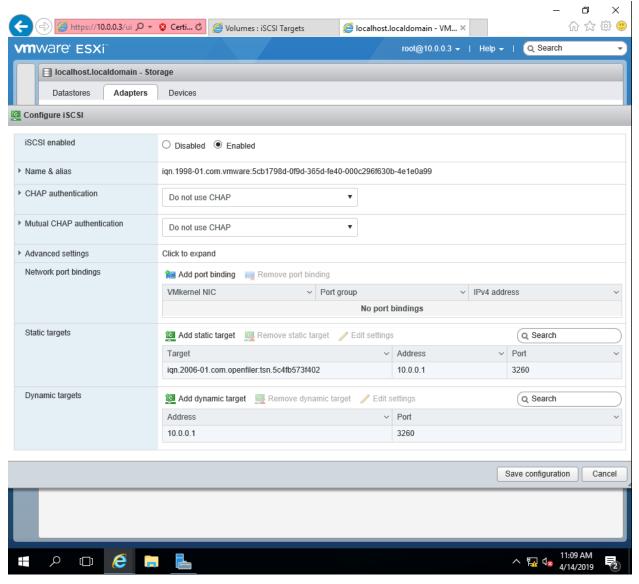
11) Open another tab and in the address bar type http://ip address of esxi server, login with root and password



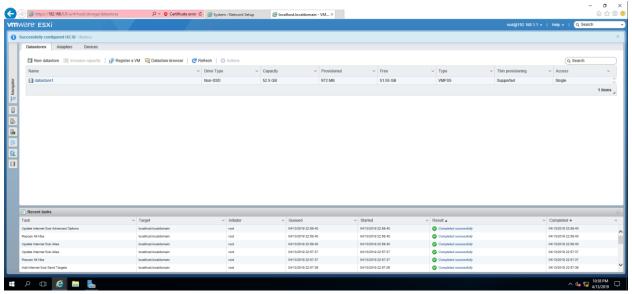
12) Click the configure iSCSI



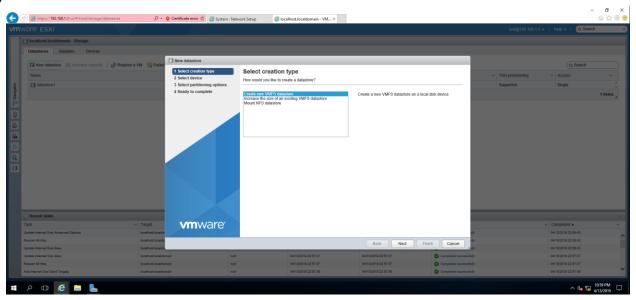
13) Click enabled, click add dynamic target and enter the IP address for the Openfiler server. Click add static target and enter the OpenFiler target IQN and IP address



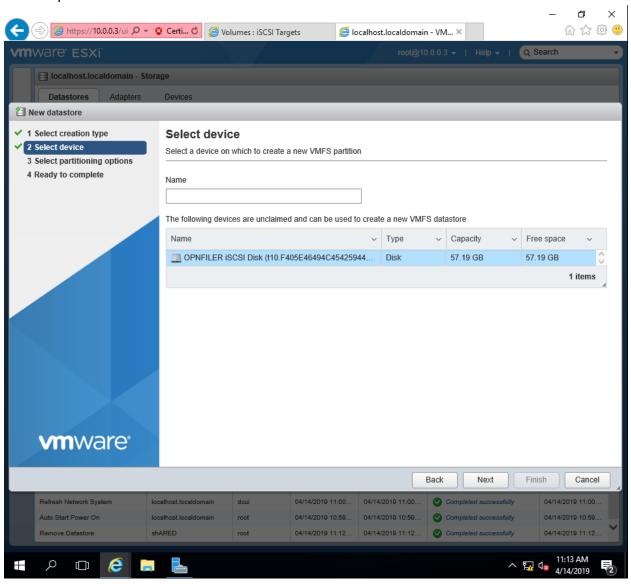
14) Click datastores > new datastore



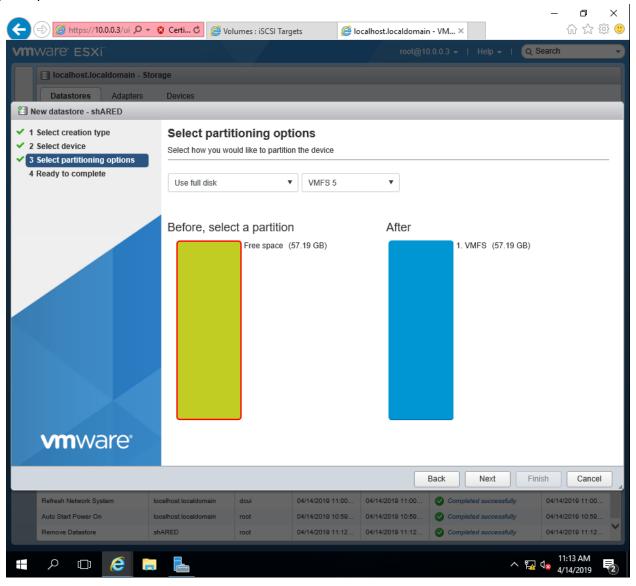
15) Select create a new VMFS datastore



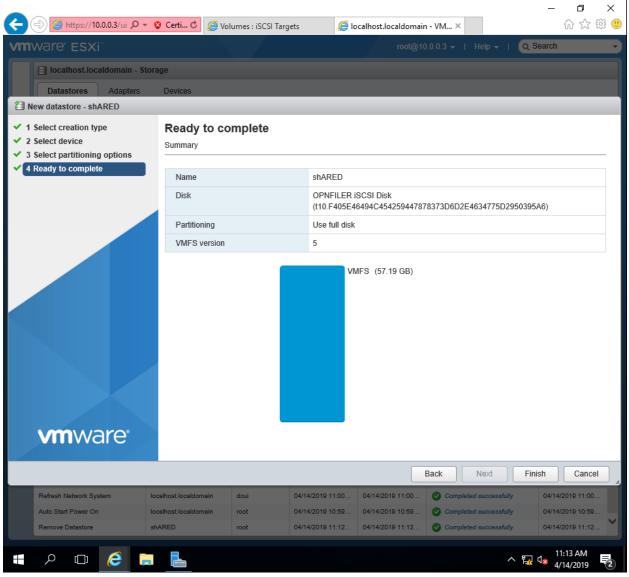
16) Select OpenFiler device



17) Accept defaults



18) Click finish



19) Click finish