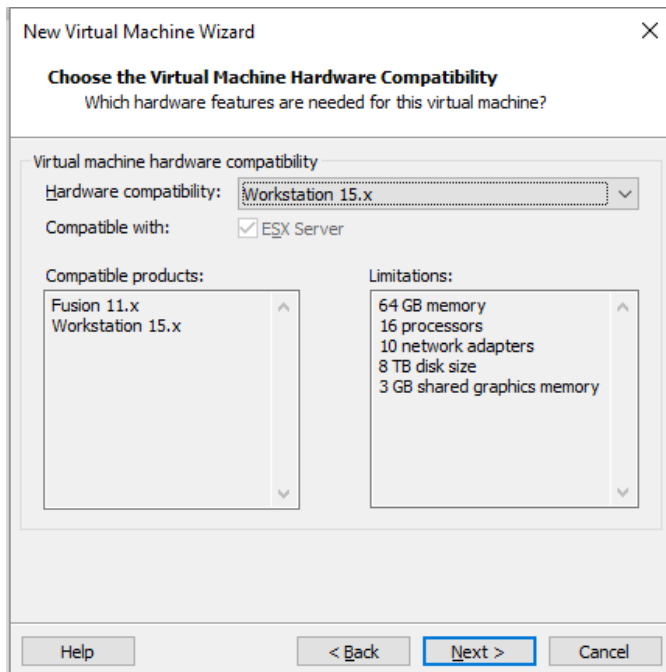


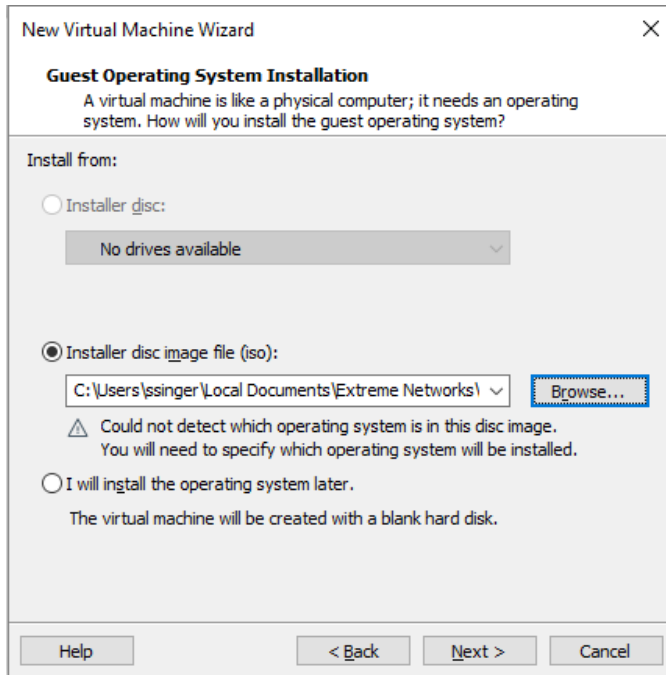
1. Launch New Virtual Machine Wizard, select Custom.



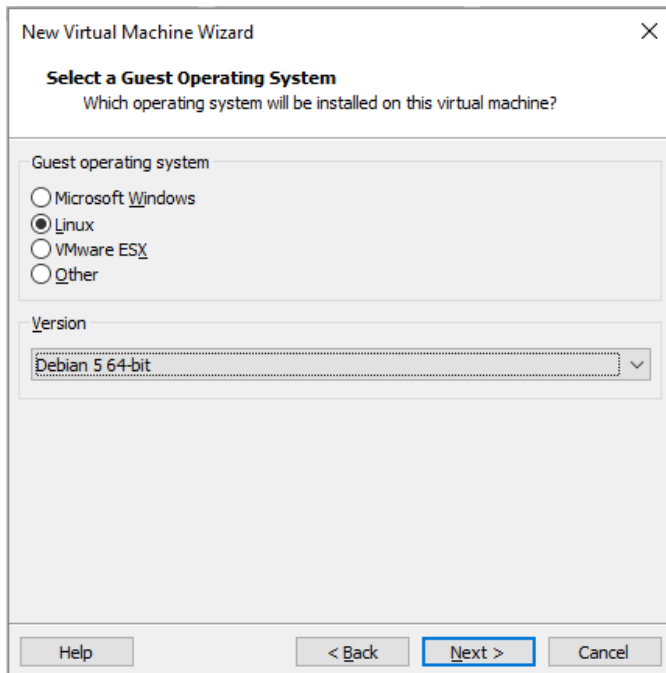
2. Set to latest hardware compatibility.



3. Set to XOS.iso installer disc image.



4. Set Guest OS to Linux and Debian 5, 64-bit. Use Debian 4, 64-bit on ESXi.



5. Chose VM name and file location.

New Virtual Machine Wizard

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:
EXOS-1

Location:
C:\Users\ssinger\Local Documents\Virtual Machines **Browse...**

The default location can be changed at Edit > Preferences.

< Back Next > Cancel

6. Choose one processor and two cores.

New Virtual Machine Wizard

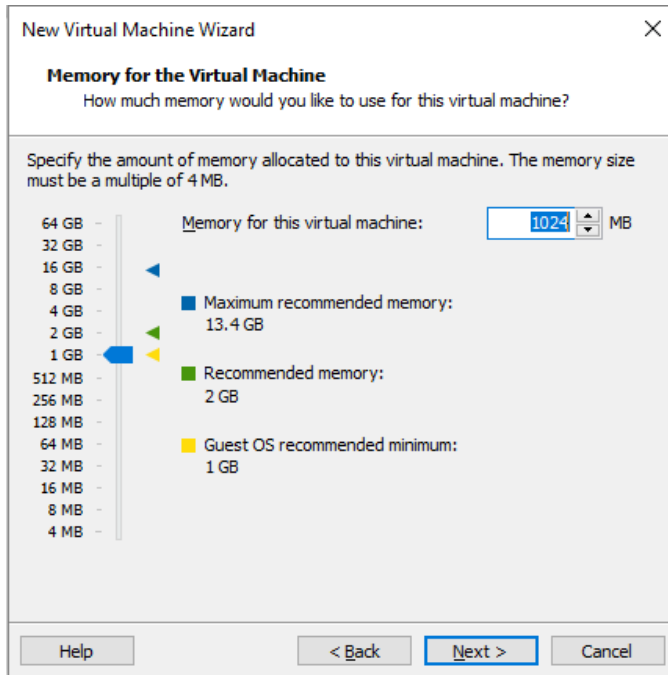
Processor Configuration
Specify the number of processors for this virtual machine.

Processors

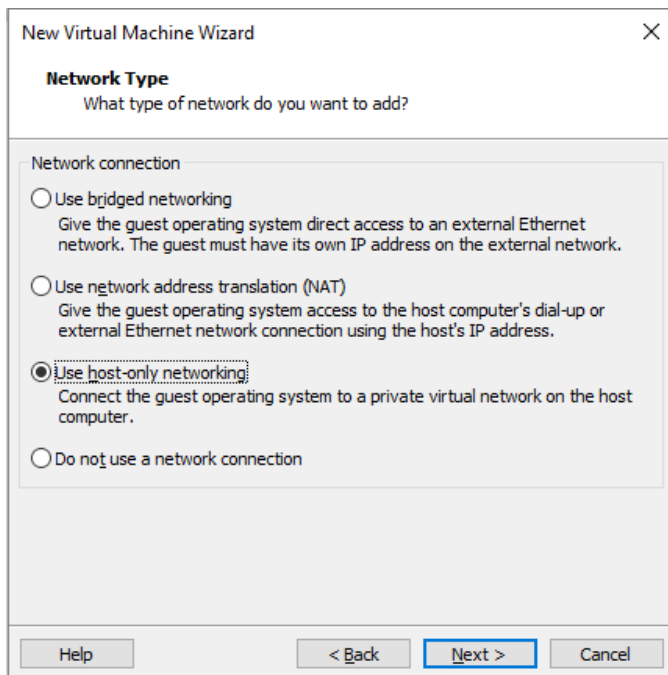
Number of processors:	1
Number of cores per processor:	2
Total processor cores:	2

Help < Back Next > Cancel

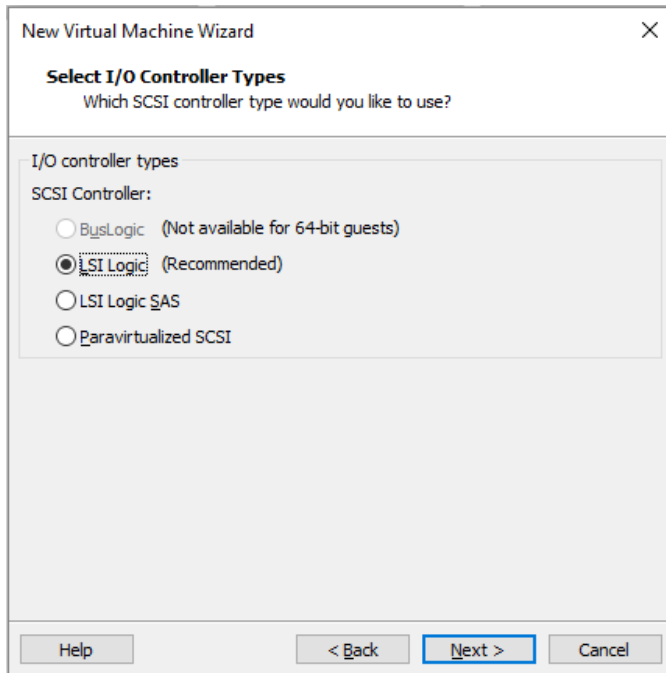
7. Set RAM to 1GB.



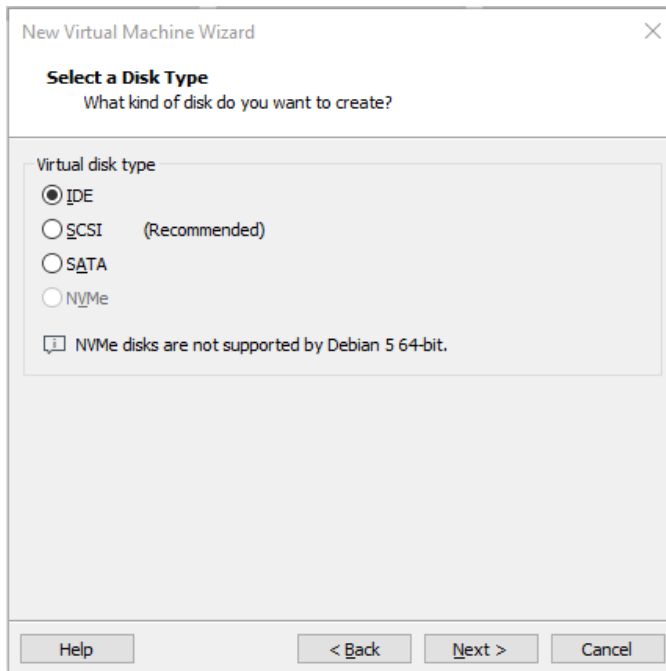
8. Choose network connection. I usually use bridged to local network for port 1, which is the Mgmt VLAN and port. Others I usually contain to the VM environment.



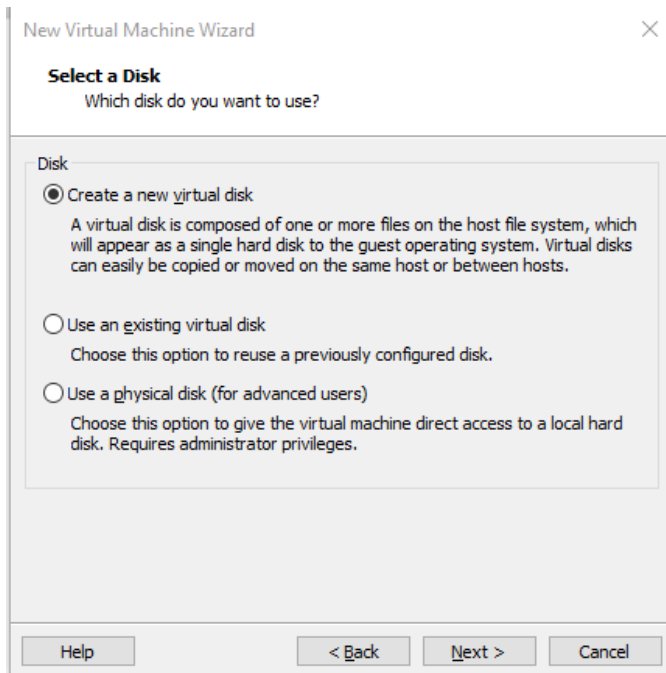
9. Choose LSI Logic.



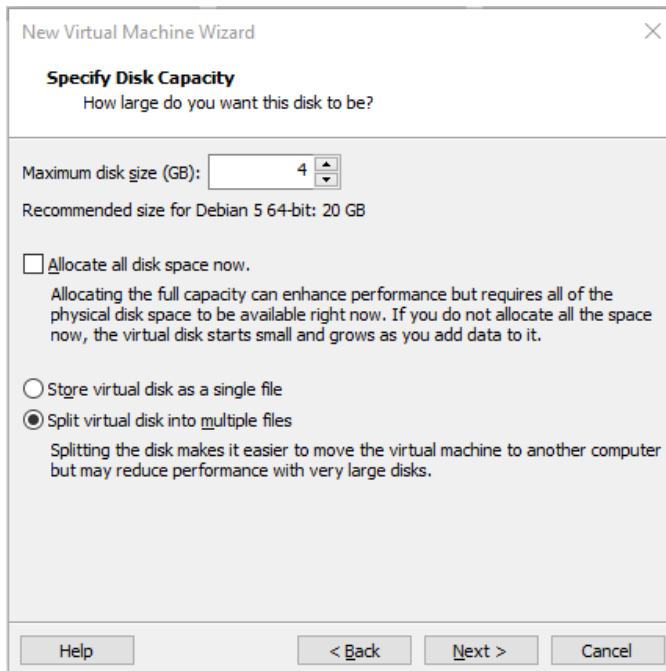
10. Choose IDE drive.



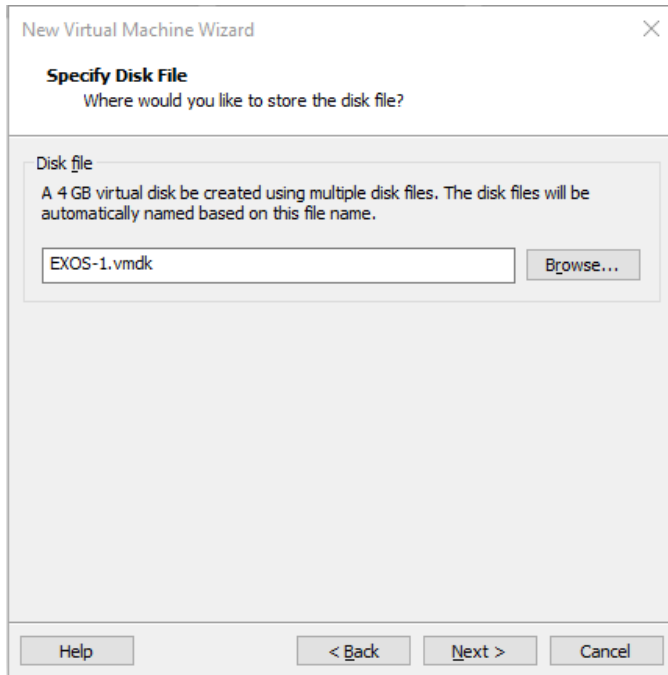
11. Create new virtual disk.



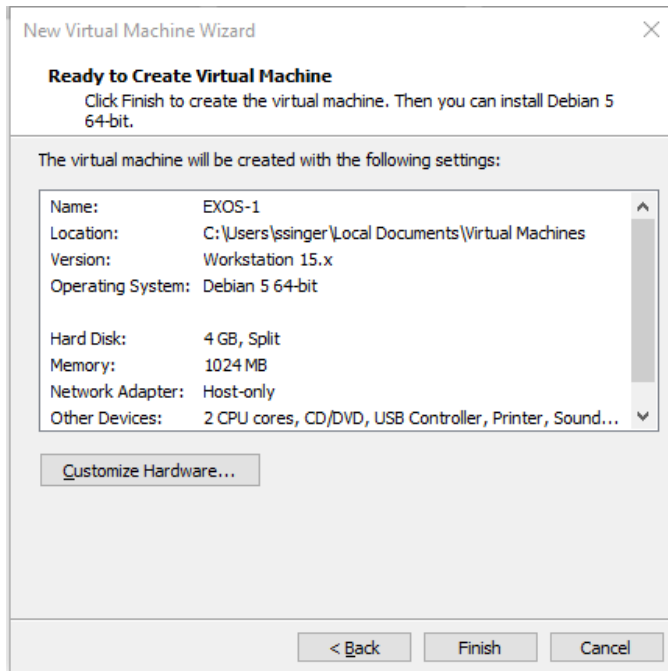
12. Set the disk size to at least 4GB.



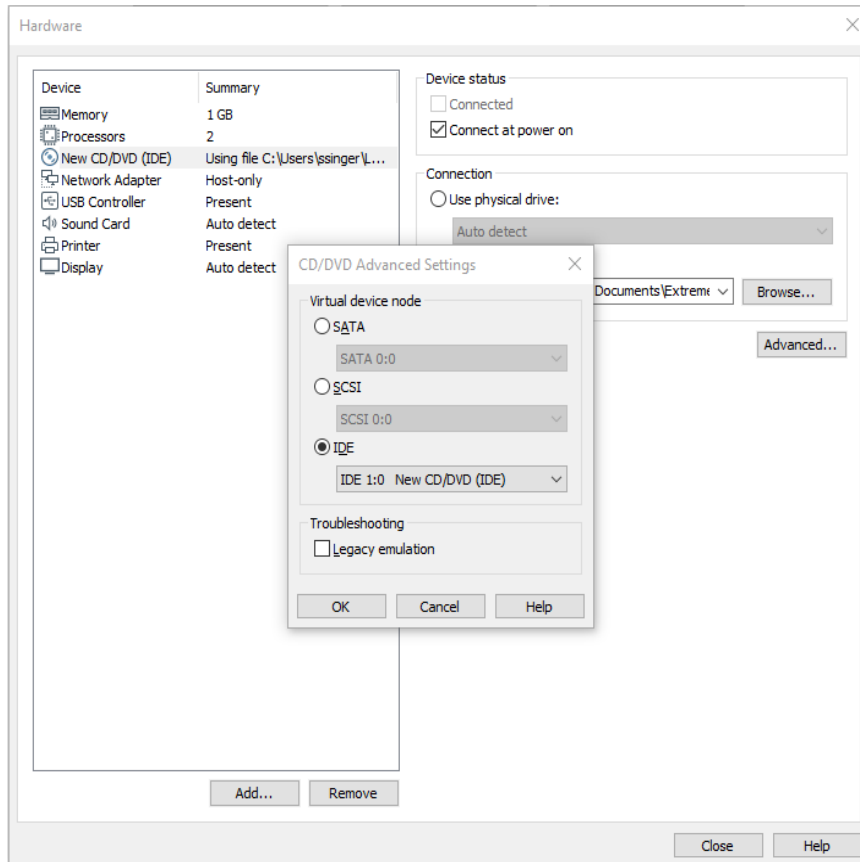
13. Confirm disk file name and location.



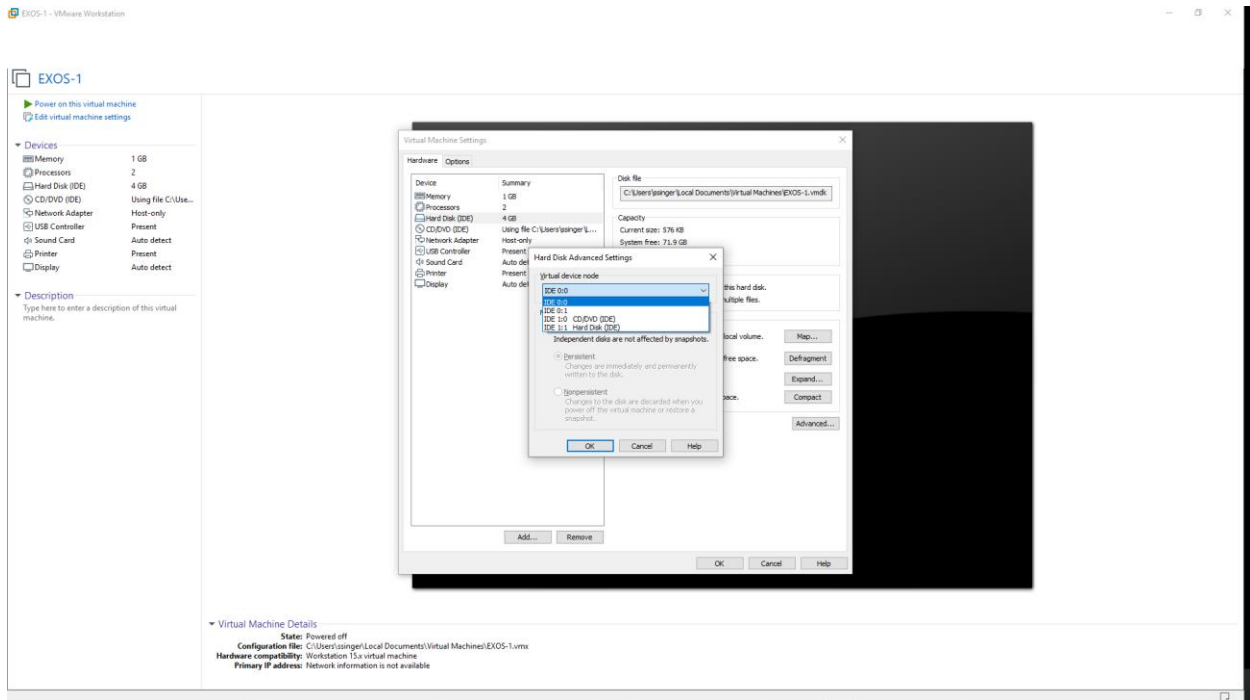
14. Select "Customize Hardware" before finishing.



15. Confirm CD is IDE 1:0. Hard drive should be IDE 0:0, but it's not editable until you create the VM. Add additional Network Adapters, up to 9 more, 10 total. The first Network Adapter is the Mgmt port in VR-Mgmt, the second Network Adapter is port 1 in VR-Default, the third is port 2, etc..



16. Edit Settings before powering on the VM. Change/confirm that the new Hard Disk is IDE and associated with IDE 0:0.



17. Start the VM. Choose "c" to continue and "y" to continue. Select "Enter" to reboot.

```
2) clear NURAM after install....."false"

c) continue
r) reboot
~> c
Ok to continue? (Y/N) y
**** Starting External Memory Card device
**** Copying rescue image to ramdisk
**** Partitioning Disk Device
**** Sufficiently large VM hard drive detected
**** Creating ext3 FS on /dev/hda1
**** Creating ext3 FS on /dev/hda2
**** Creating ext3 FS on /dev/hda5
**** Creating ext3 FS on /dev/hda6
**** Creating ext3 FS on /dev/hda7
**** Creating ext3 FS on /dev/hda8
**** Creating ext3 FS on /dev/hda9
**** Mounting Partitions
**** Checking Image Wrapper
**** Extract Upgrade Script
**** Execute Upgrade Script
Installing 30.1.1.4
Installation finished. No error reported.
**** Set default boot partition to primary
**** press ENTER to reboot:
```

18. After reboot you'll be able to login. Wait for the switch boot process to move past the "pending-AAA" login. "Authentication Service (AAA)..." will be the indicator that the switch is ready for login. Hit any key to receive the login prompt.

```
early console in extract_kernel
input_data: 0x0000000023923b4
input_len: 0x00000000e29e86
output: 0x000000001000000
output_len: 0x0000000021899a8
kernel_total_size: 0x000000001e7e000

Decompressing Linux... Parsing ELF... done.
Booting the kernel.

init started: BusyBox v1.28.3 (2019-01-18 16:14:41 America)
starting version 232
Starting ExtremeXOS 30.1.1b4
Copyright (C) 1996-2019 Extreme Networks. All rights reserved.
This product is protected by one or more US patents listed at https://www.extremenetworks.com/company/legal/patents/ along with their foreign counterparts.

(pending-AAA) login:

Authentication Service (AAA) on the master node is now available for login.

_
```

19. Additional network adapters if necessary, up to 10 total.

