Installing VMWare ESXi

By Justin Mah

Requirements

- VMWare Workstation Pro/Player (Player can be downloaded free here: https://www.vmware.com/ca/products/workstation-player/workstation-player-evaluation.html)
- VMware vSphere (in this tutorial I will be using version 6.7). Can be downloaded from this link: https://my.vmware.com/en/web/vmware/evalcenter?p=free-esxi6 (create an account before downloading)

    Notes: if using a physical server, burn the vSphere ISO to a blank CD or place the iso on a USB. When installing manipulate the boot order to have the server boot from the USB or CD/DVD drive. Skip step 1 if using a physical server.
    (installing via usb tutorial:
    https://www.virten.net/2014/12/howto-create-a-bootable-esxi-installer-usb-flash-drive/)

Instructions

Know how to create a virtual machine? If not refer to the "Creating a Virtual Machine" tutorial

1) Start Vmware Workstation and create a virtual machine with the following specifications:
   - Operating System is set to VMware ESXi 6.x
   - 4 GB RAM (8 GB Recommended)
   - 1 CPU with 2 Cores (more CPUs recommended)
   - Paravirtualized SCSI Controller
   - SCSI HDD (C:\) (note: **Never** store virtual machines on the C:\ drive. See "Installing and Configuring OpenFiler" then "Attaching iSCSI to VMWare ESXi" tutorials for more information)
   - The processor should have "Virtualize Intel VT-x/ EPT or AMD-V/RVI" enabled (under Hardware > Processors > Virtualization Engine)
     Note: if using a physical machine access the BIOS/UEFI and navigate to virtualization technology (refer to BIOS/UEFI documentation for more information)

2) Attach the VMWare ESXi 6.7 iso to the vm
3) Power on the Virtual Machine
4) Push enter

5) Push enter

6) Puch F11

7) Accept defaults press enter

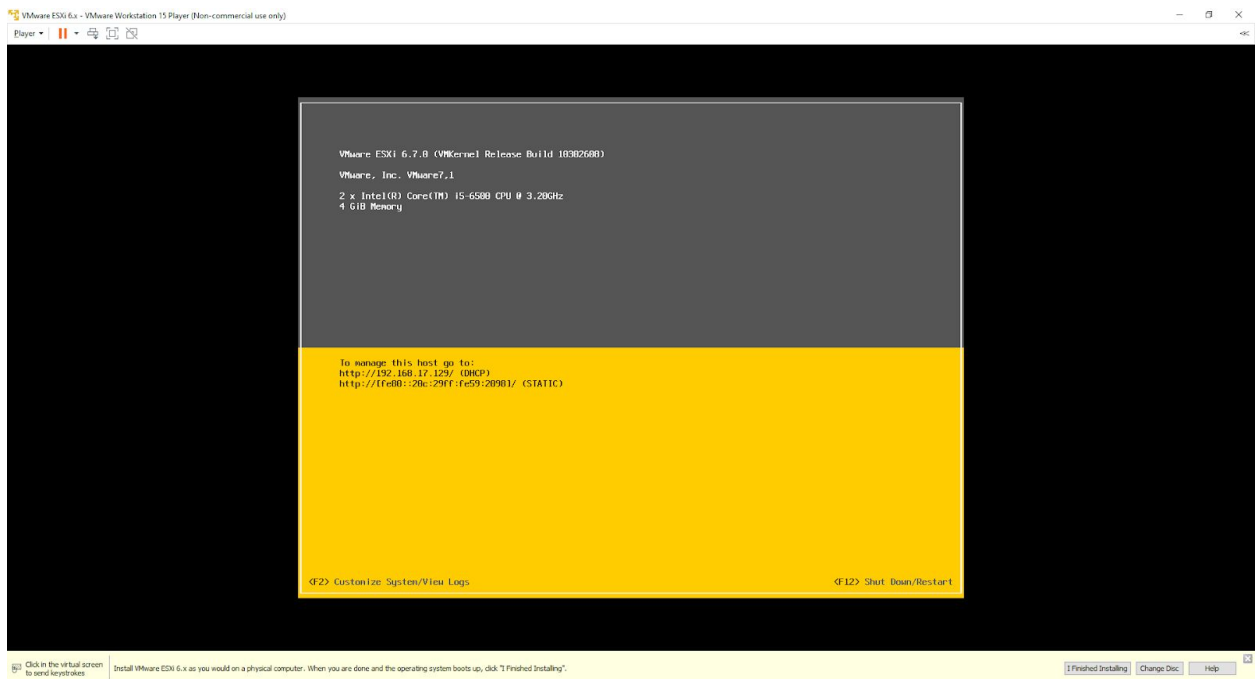8) Press enter

9) Set the root password
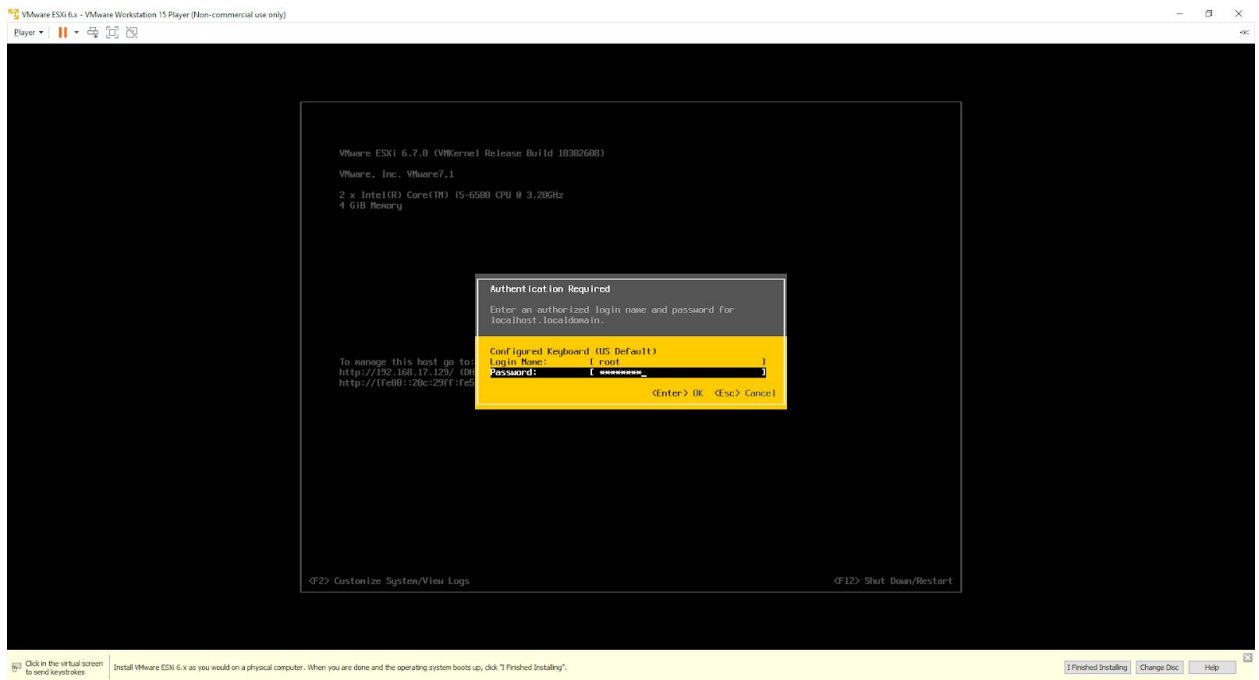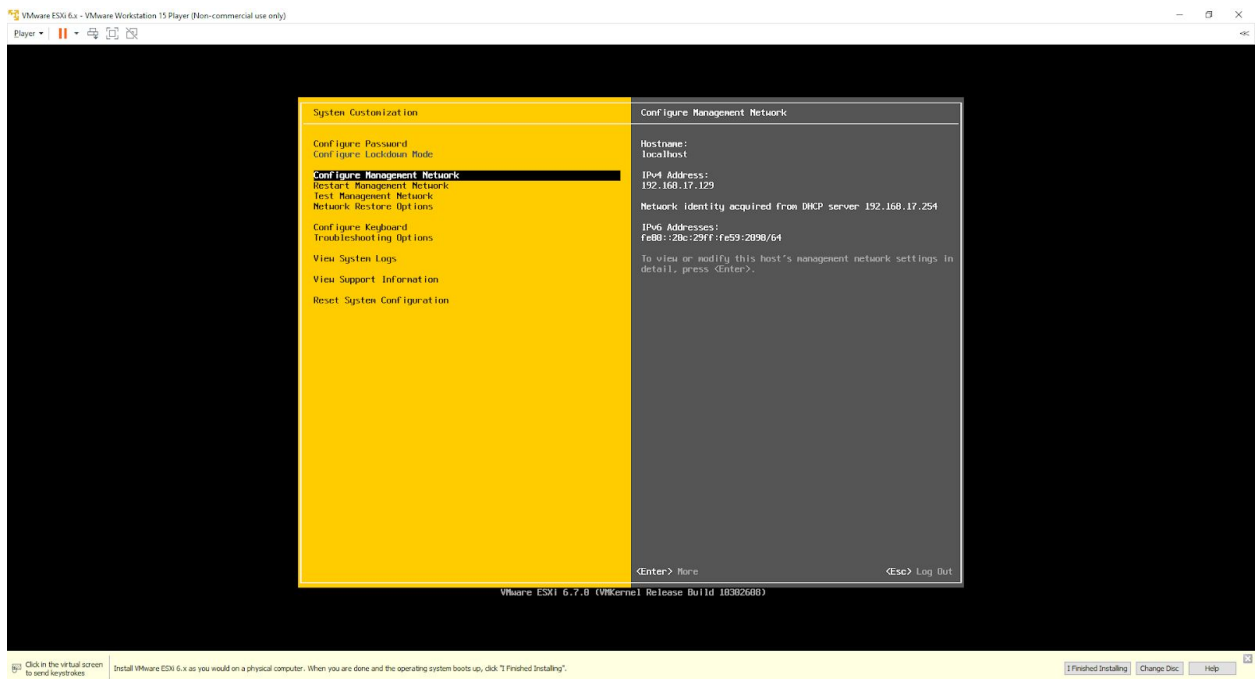

10) Push F11

11) Push enter

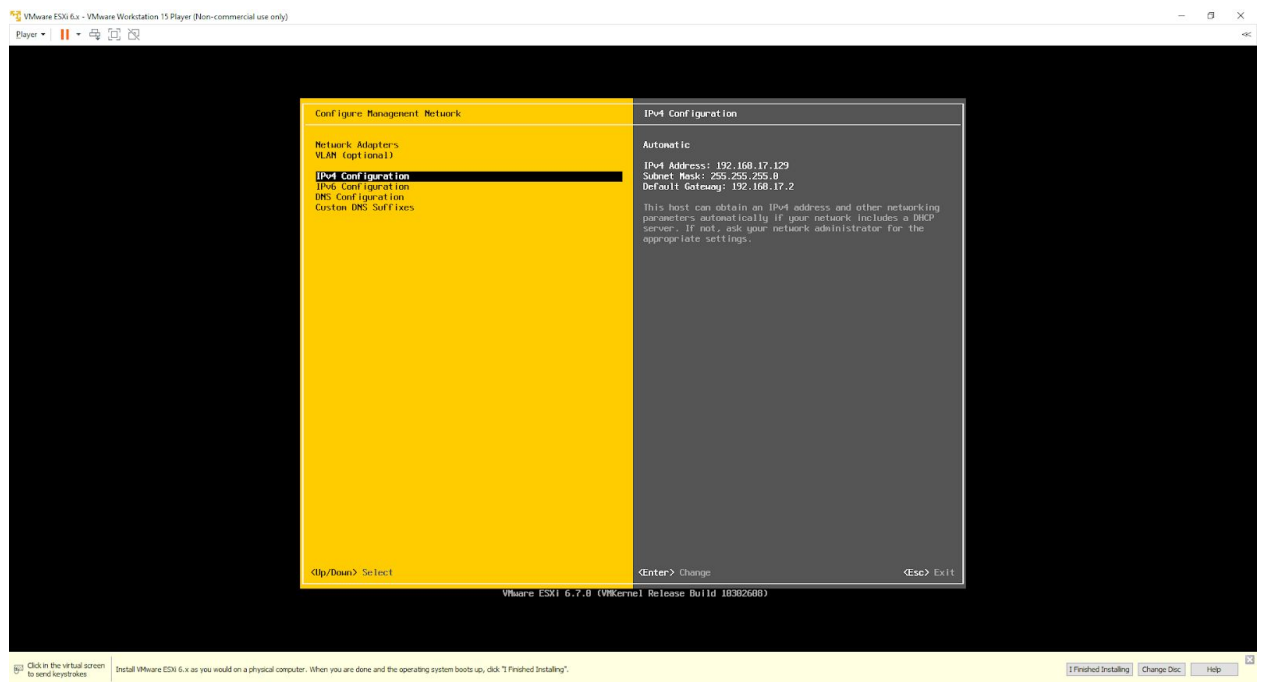12) Push F2 to begin configuring the server

13) Enter the root username and password

14) Select "configure management network"

15) Select IPv4 Configuration

16) Select "Set static IPv4 address and network configuration" Adjust network settings according to subnet being used
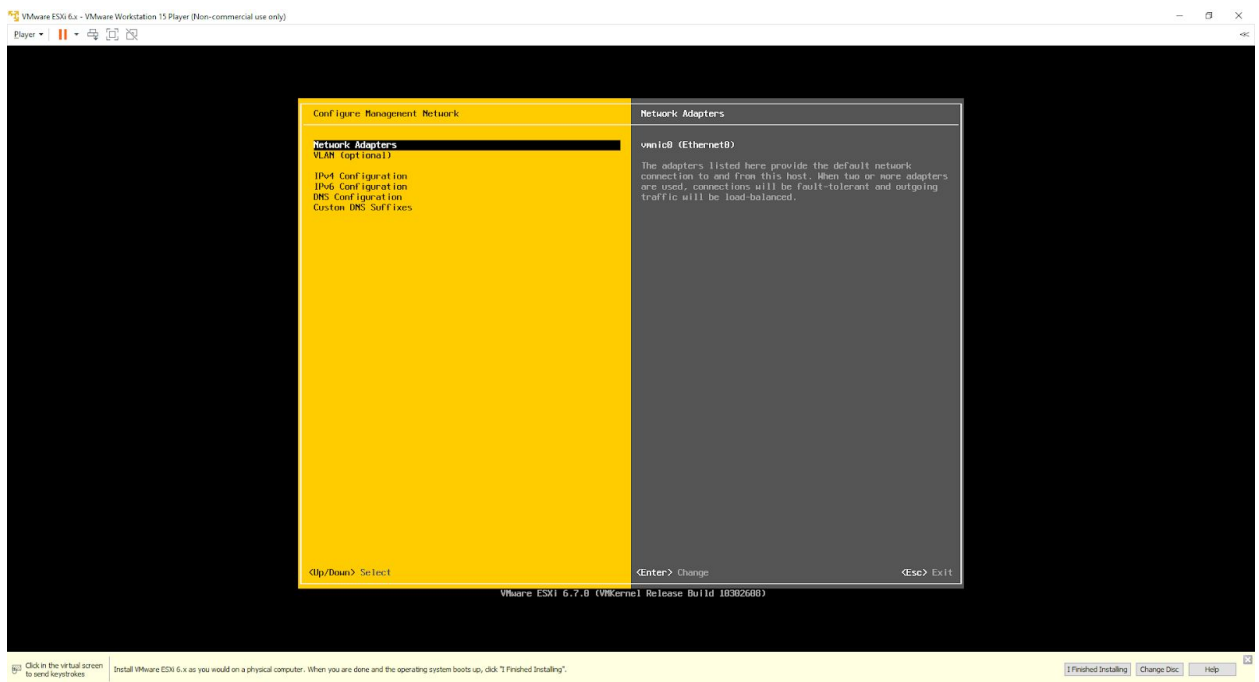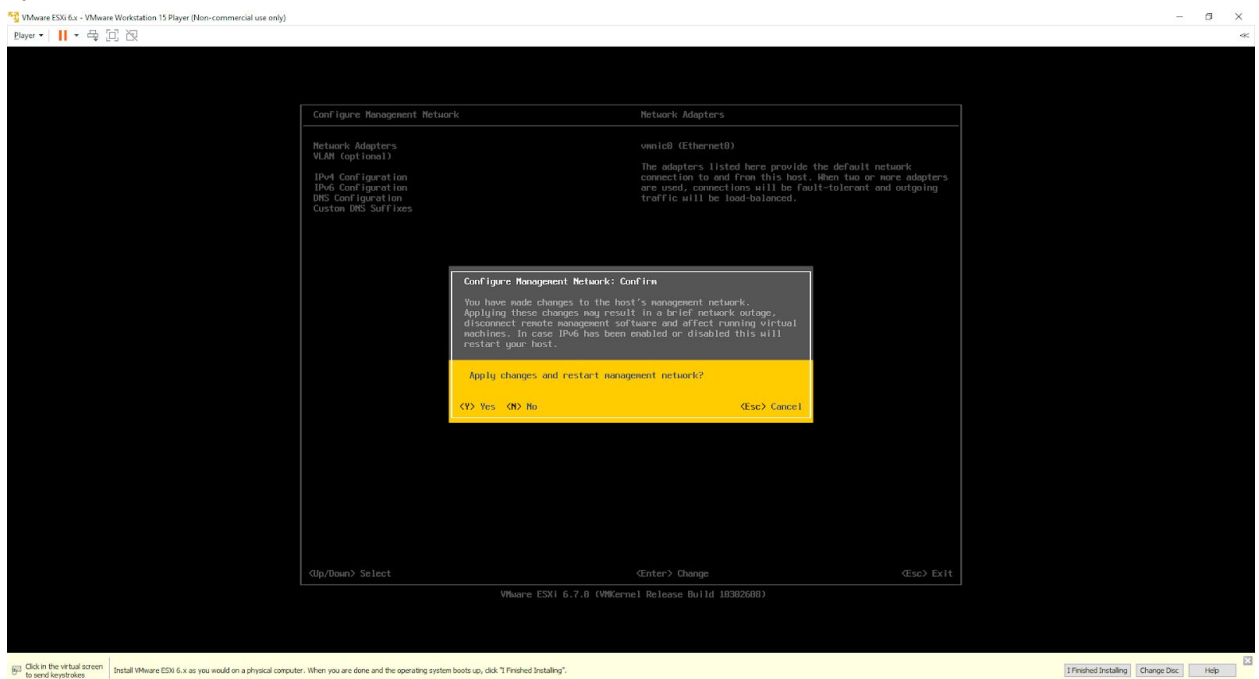
17) Select DNS configuration

18) Select "Use the following DNS server addresses and hostname." Set the Primary DNS server and hostname to the one being used by the subnet.

19) Push Esc

20) Type Y when prompted

The IP address of the server will now be the link to managing the server using the Web GUI via web browser.