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Release 1.0 Quick Start User Guide

IMPORTANT NOTE: The information contained in this document supersedes all previously published information regarding this product. This manual is subject to change without prior notice.

Table of Contents

CHAPTER 1. INTRODUCTION	7
CHAPTER 2. NETVUE SERVER SETUP	7
2.1 NetVue Server VMware IP Address Configuration	8
2.2 Configuring VMware through GUI and accessing Windows 2012 Server through vShere client	11
2.3 Configuring Network Adapters in Server 2012	15

Figures

Figure 1 Interface Label.....	7
Figure 2 Local VMWare Hypervisor Console	8
Figure 3 Login into VMware local console.....	8
Figure 4 Configuring Management Network.....	9
Figure 5 IP Address	9
Figure 6 Hypervisor Restart.....	10
Figure 7 VMWare Welcome	11
Figure 8 vSphere Login	12
Figure 9 vSphere User Interface (operation).....	13
Figure 10 vSphere User Interface (operation expanded).....	13
Figure 11 vSphere VM Console Screen.....	14
Figure 12 Taskbar Notification.....	15
Figure 13 Network and Sharing Center	15
Figure 14 Networking Properties	16
Figure 15 IPv4 Properties.....	16

About this Manual

This user guide contains Quick Start information for the Comtech EF Data (CEFD) NetVue Integrated Management System (IMS).

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Chapter 1. Introduction

This quick start guide will allow a user to configure the NetVue Integrated Management System (IMS). Due to optional configurations, additional CED products, as well as the vast number of third party products the system supports, this quick start guide has been written to direct the user to set-up the standard configuration with default settings. It is the assumption that the user is familiar with any/all equipment to be used in conjunction with the NetVue IMS. Finally, the NetVue IMS builds upon the DataMiner platform from Skyline Communications. So at times, there may be references made to DataMiner's nomenclatures. Should the user require further information on configuring additional equipment or details on the DataMiner platform, they may refer to Comtech EF Data's NetVue User Guide (Revision 1).

Chapter 2. NetVue Server Setup

Do these steps to set up the NetVue server:

1. Remove all hardware from the boxes and verify contents to be in place, intact, and not damaged.
Note: *If any equipment is damaged, contact Comtech EF Data immediately.*
2. Connect VGA monitor as well as USB keyboard and mouse.
3. Connect power supply and turn equipment ON.
4. Connect an Ethernet cable to the NETWORK Ethernet port.

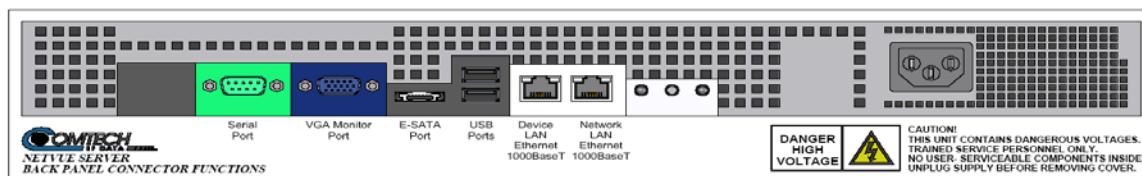


Figure 1 Interface Label

2.1 NetVue Server VMware IP Address Configuration

To configure the IP Address:

1. After VMware ESXi 5 has booted, press F2.

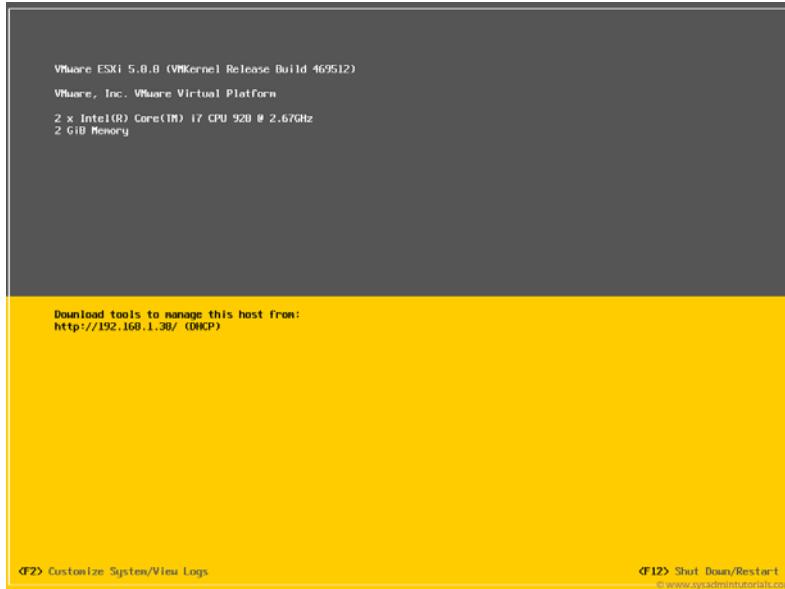


Figure 2 Local VMWare Hypervisor Console

2. Enter the supplied username and password and press Enter.

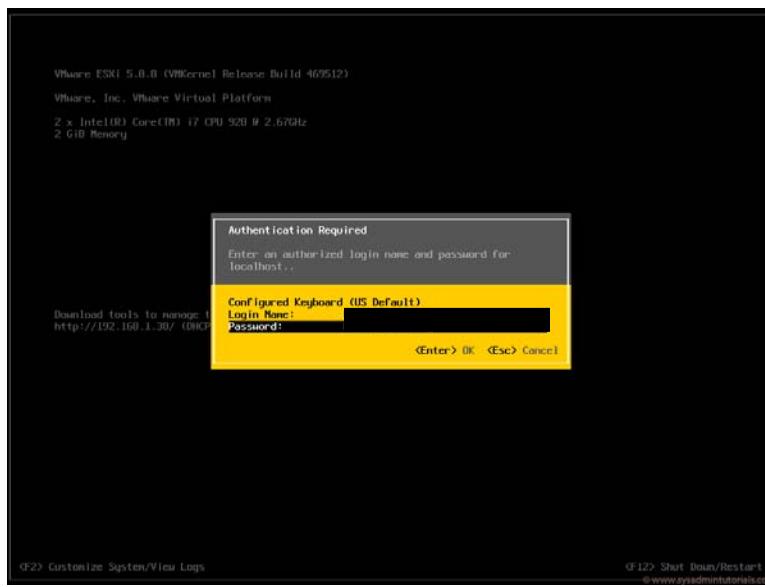


Figure 3 Login into VMware local console

- Customization menu is displayed. The user can configure a new root password at the first menu, if desired. Select **Configure Management Network**.

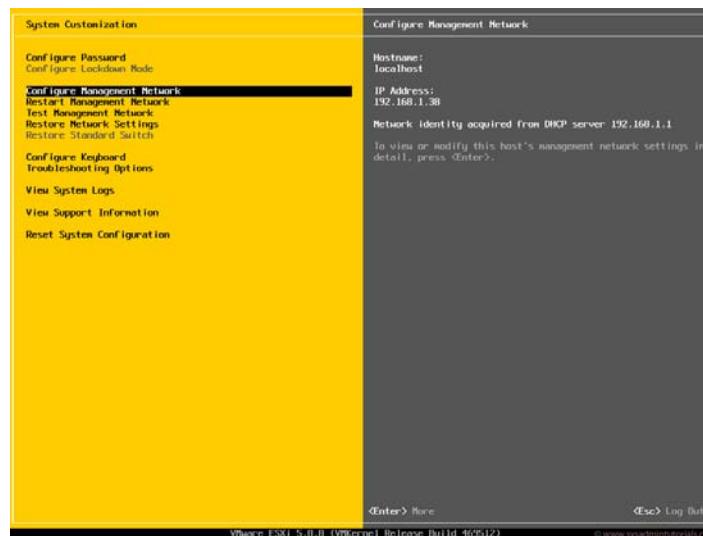


Figure 4 Configuring Management Network

- Select **Set Status IP Address**. In this example the host IP address is set to 192.168.1.100/24 with default gateway 192.168.1.1. Enter your desired IP address and press **Enter**.

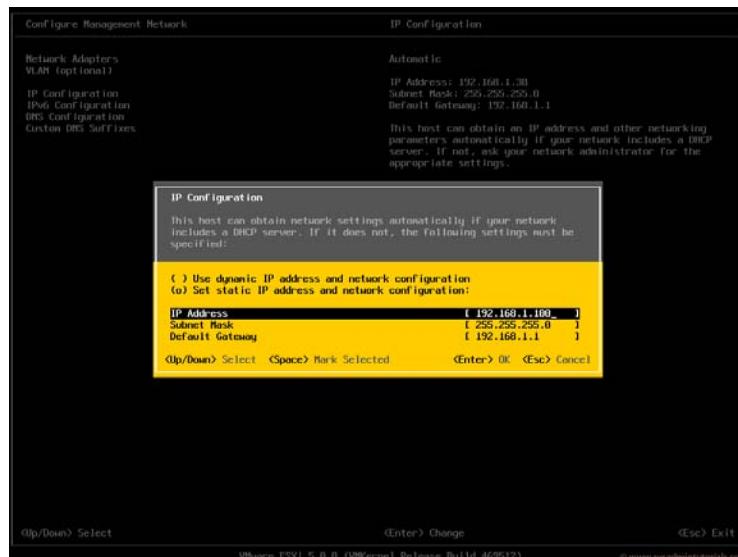


Figure 5 IP Address

- To commit the changes, ESXi will need to restart the **Management Network** interface: press **Y**.

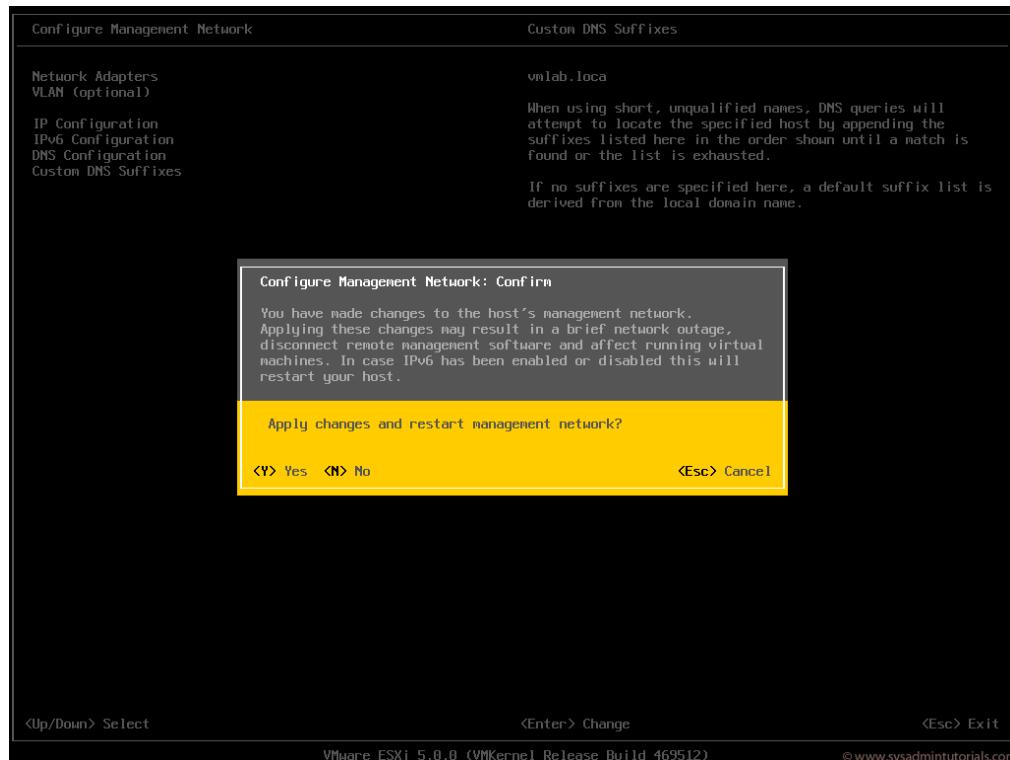


Figure 6 Hypervisor Restart

2.2 Configuring VMware through GUI and accessing Windows 2012 Server through vSphere client

Connect the NetVue Server to the network and configure the Client PC with IP address on the same subnet as VMware Management IP address that was configured in Section 2.1. Enter the following URL into the Client's Internet Explorer browser:

[http://\[VMware Management IP\]](http://[VMware Management IP])

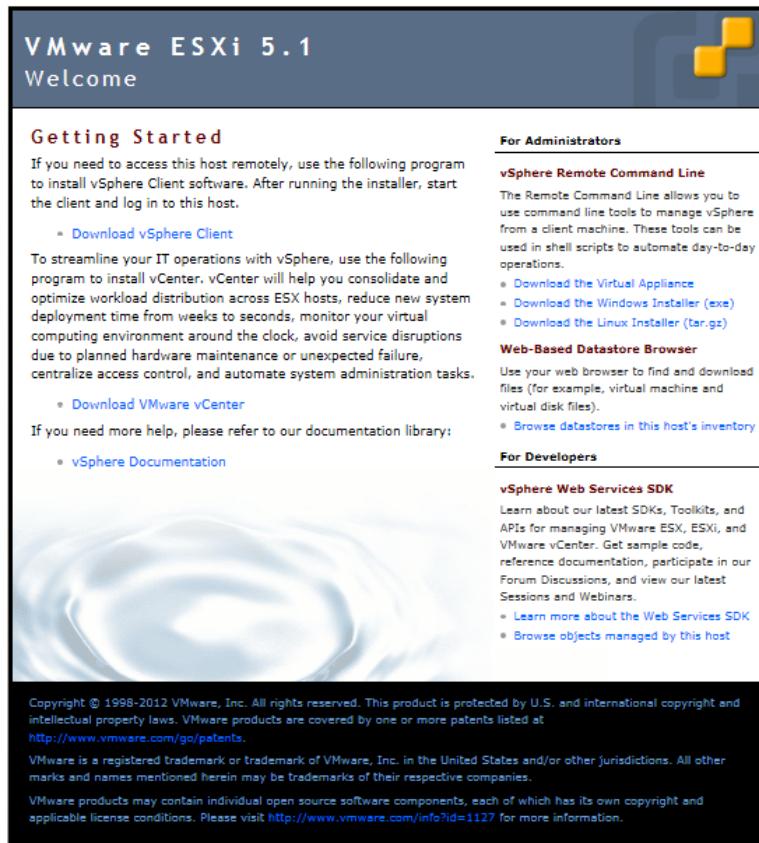


Figure 7 VMWare Welcome

The default ESXi web page redirects to vmware.com to download the **vSphere Client** software. If your client PC is not connected to the Internet at this time, please connect it to the Internet to get the **VMware-vclient-all-5.1.0-786111.exe** (latest release at the time of publication of this Guide).

Please download and install it. When the vSphere Client starts, please login with the supplied username and password. Click **Ignore** at the security warning and select **install the Certificate** button to avoid this popup next time when connecting to this server.

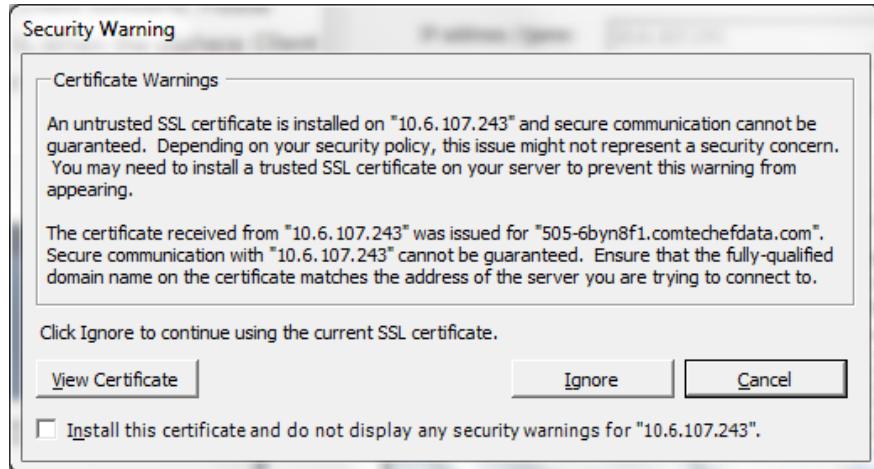


Figure 8 vSphere Login

When the vSphere Management UI opens, please click on **Inventory** and then on the “+” to discover the NetVue Virtual Appliance deployed on this VMware Hypervisor:

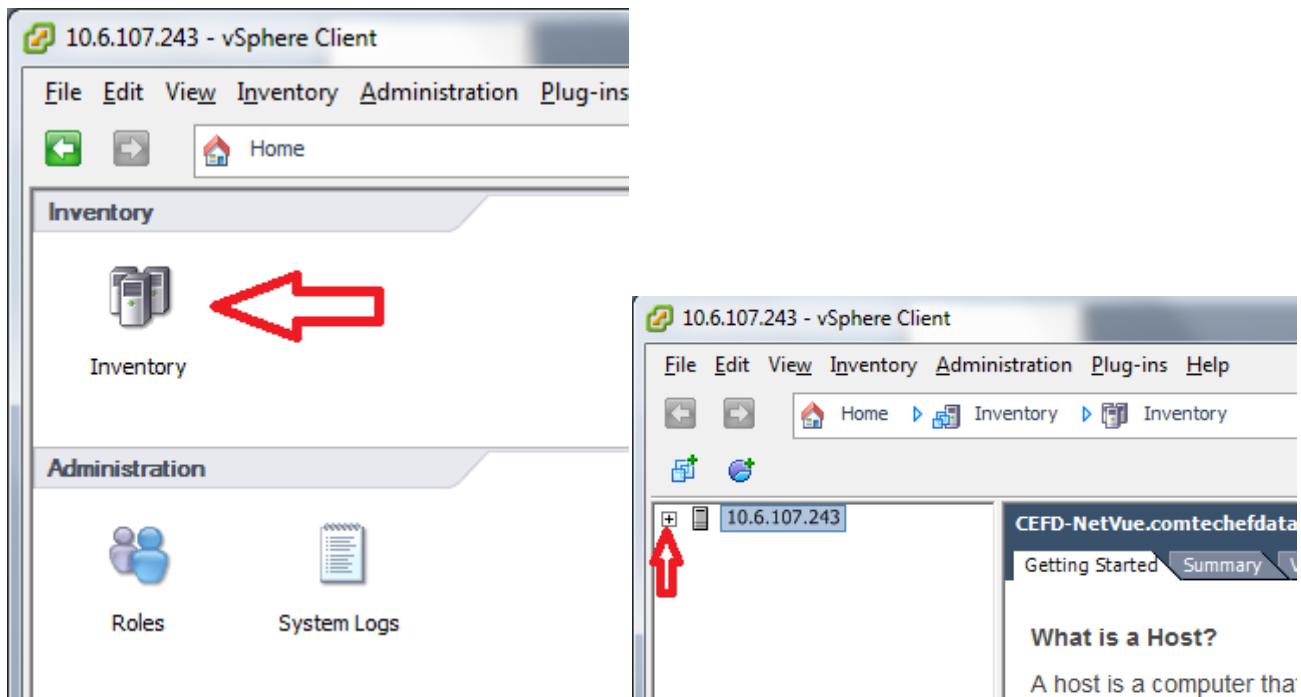


Figure 9 vSphere User Interface (operation)

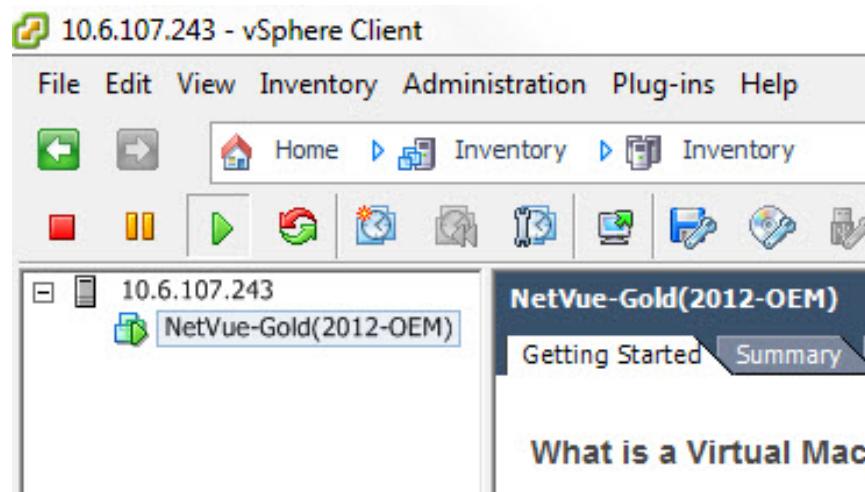


Figure 10 vSphere User Interface (operation expanded)

Select the VM and use the Console Tab to login into Windows 2012 when it starts. Click within the Console screen to make it your active screen and press **Ctrl + Alt + Insert** to login. Use the supplied login credentials to administer Windows.

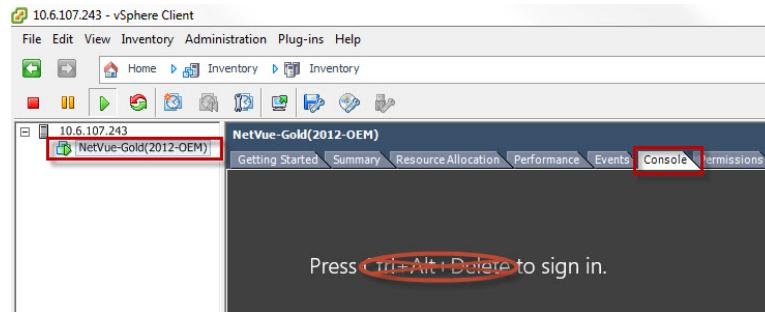


Figure 11 vSphere VM Console Screen.

2.3 Configuring Network Adapters in Server 2012

Set up the IP addresses/Subnet Masks/Default Gateway(s) of the Ethernet Interfaces in Windows to fit your network.

1. Right-click the **Network** icon in the taskbar notification area and select Open Network and Sharing Center.

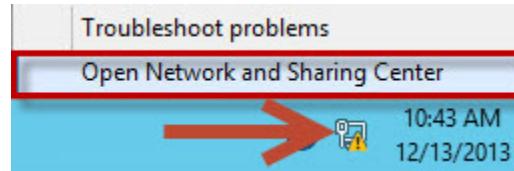


Figure 12 Taskbar Notification

2. A new window will appear. Select Change Adapter Settings

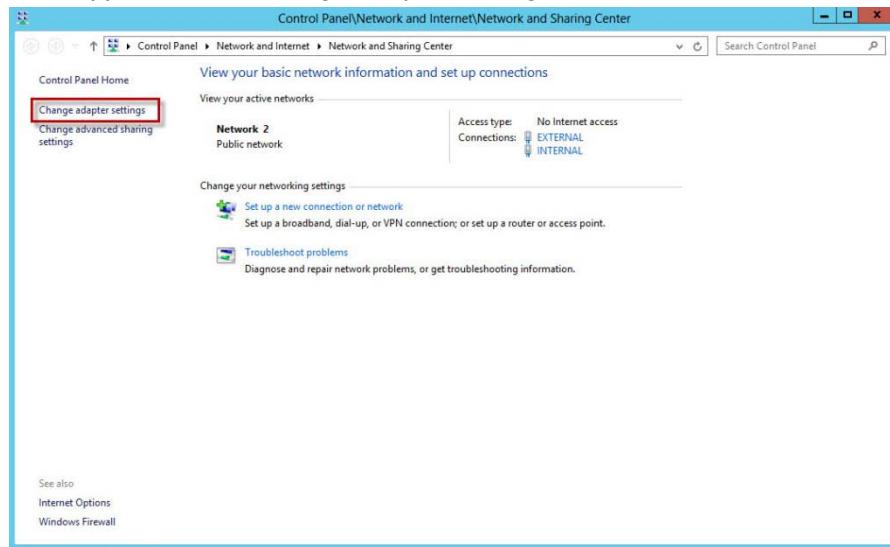


Figure 13 Network and Sharing Center

3. Select Internet Protocol Version 4 (TCP/IPv4) and Click Properties

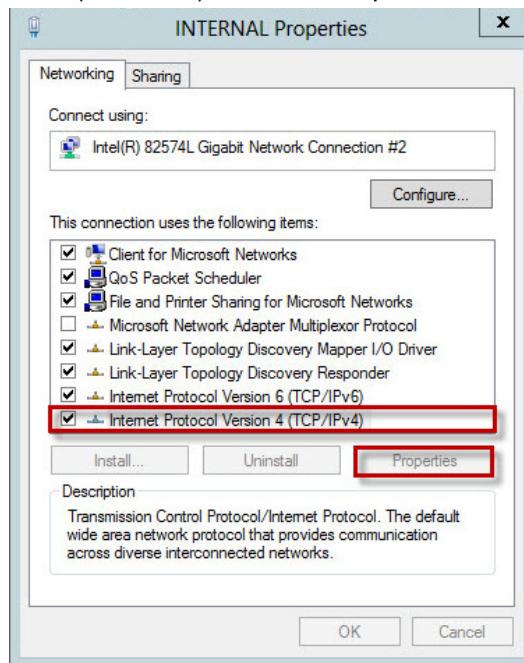


Figure 14 Networking Properties

4. Select Use the Following IP Address; fill in IP address, Subnet Mask, and Default Gateway to match your network specifications. Once this information is verified, select OK.

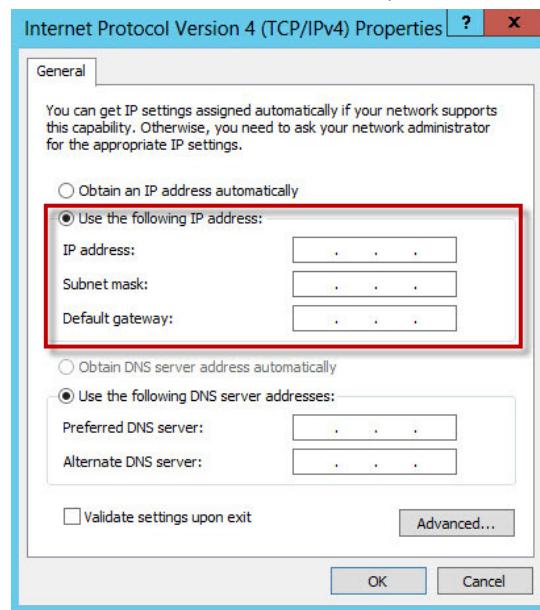


Figure 15 IPv4 Properties

5. Repeat Process for second Network Adapter



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