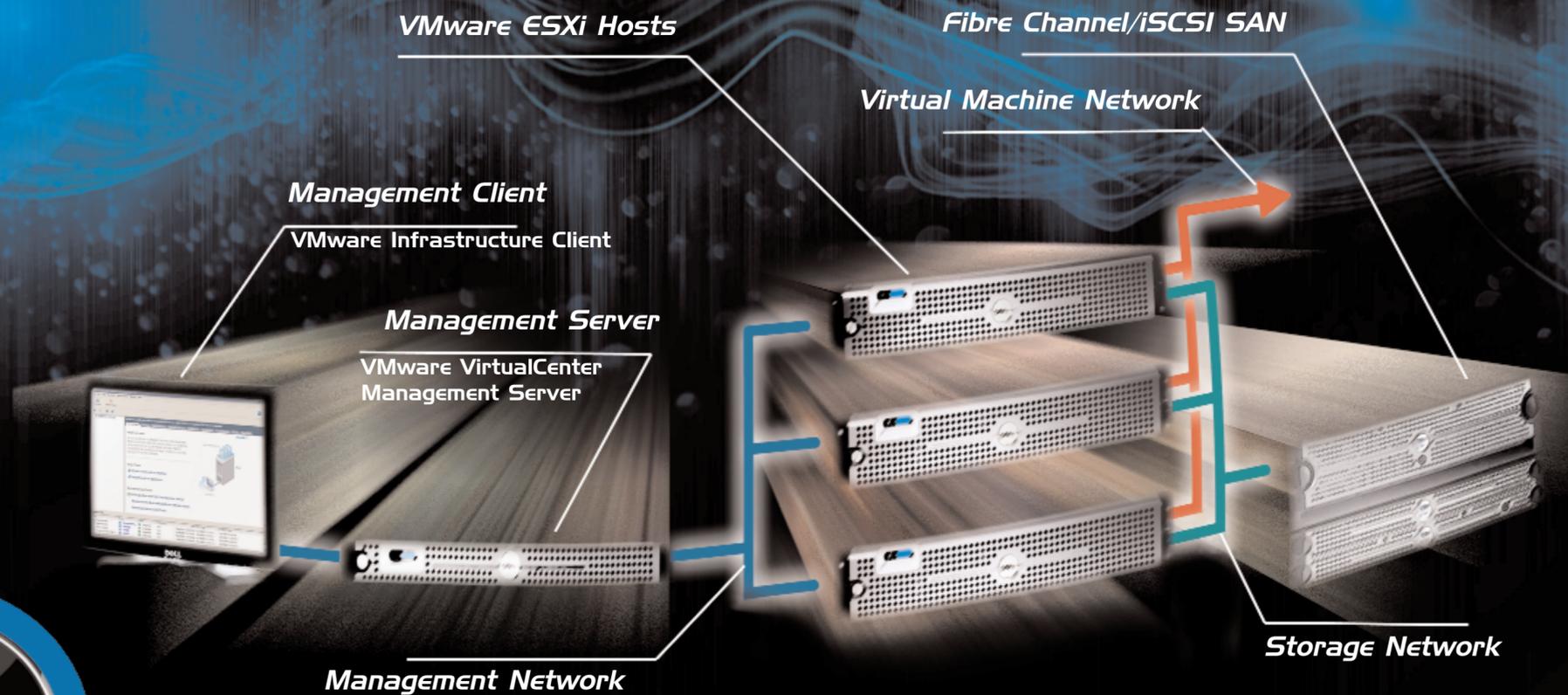


# INTEGRATED SOLUTIONS: POWERED BY DELL™, VIRTUALIZED BY VMware®

Dell and VMware are focused on making it easier for all companies to adapt to virtualization. Simplifying virtualization is about ensuring that the entire virtual infrastructure is integrated into the mainstream.

The process starts with testing and certifying VMware Infrastructure 3 virtualization software on Dell PowerEdge™ systems with Dell PowerVault, Dell|EqualLogic, or Dell|EMC Storage arrays. Then, Dell OpenManage™ and VMware VirtualCenter are integrated to manage and maintain your physical and virtual datacenter. Dell Infrastructure Consulting Services is available to assist you in assessing and implementing lifecycle management.

Innovation from Dell, in the form of redesigned servers and storage, compliment the new technologies found in VMware's latest releases of ESX Server and VirtualCenter. Our collaboration offers a wide variety of benefits ranging from the embedded hypervisor on internal storage for faster time to productivity of fully qualified solutions that can provide zero-downtime maintenance capabilities, high availability, and disaster recovery scenarios.



## VMware ESXi Host

Designed to take advantage of the expanded memory and I/O slots of your Dell PowerEdge system, VMware's ESXi software represents the latest in virtualization technology. Each host runs an integrated version of virtualization software to enable your virtualization solution.

## Management Client

VMware Infrastructure Client (VI Client) connects to VMware ESXi to manage it on a one-to-one basis. VI Client can also connect to VMware VirtualCenter Server to manage multiple hosts. Install VI Client from the *VMware Infrastructure Management Installer* media or download VI Client from a browser connected to the VMware ESXi host IP address.

## Management Server

VMware VirtualCenter Management Server is a Windows-based service that aggregates resources from multiple VMware ESXi hosts to build a virtual datacenter. It is available with an additional cost. A 60-day free trial is included on the *VMware Infrastructure Management Installer* CD. See VMware's *Getting Started Guide* for more details.

## Fibre Channel/iSCSI Storage

Optimized for virtualization, your solution can use multiple connections of both Fibre Channel and iSCSI networks at speeds ranging from 1 Gb to 10 Gb. This creates a very fast and redundant storage environment to address your datacenter needs.

Learn more at the Dell VMware alliance website at [www.dell.com/vmware](http://www.dell.com/vmware)

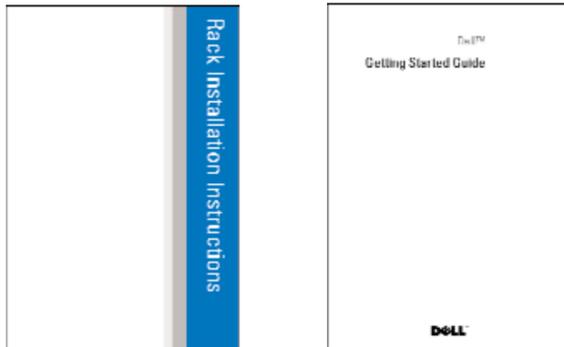
Support documents:

- Dell Solution Guide
- Systems Management Guide



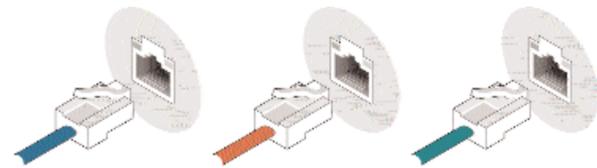
## 1 Before You Begin

Read the system's *Rack Install Guide* and *Getting Started Guide*.



## 2 Connecting the Network

Connect the network cables to the appropriate LAN on Motherboard (LOM) NIC connectors.



	VMware Management Network	Virtual Machine Network	Storage Network (optional)
<b>4 LOM</b>	<b>Gb1</b>	<b>Gb3</b>	<b>Gb4</b>
<b>2 LOM</b>	<b>Gb1</b>	<b>Gb2</b>	

## 3 Turning on the ESXi Console

Turn on the system. The VMware ESXi loads.

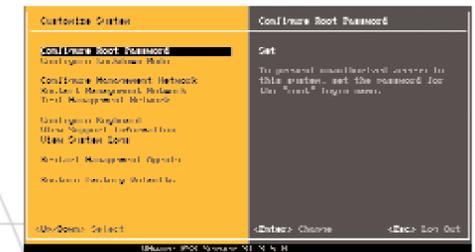
After you see this screen, your system is ready to be configured. Press **<F2>**.



**Note:** If you purchased ESXi in addition to your primary operating system, you need to change the boot order to allow ESXi to boot. For more information, see the documentation that shipped with your system or see the appropriate Dell Solution Guide located at the Dell Support website at [support.dell.com](http://support.dell.com).

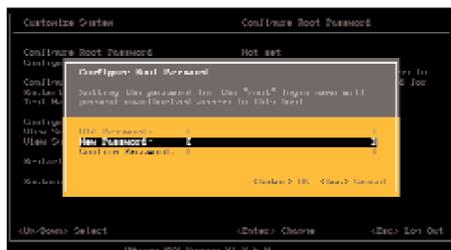
## 4 Configuring the System

Use the menu items to configure your system. It is recommended that you set a root password and configure a static IP address.



## 5 (Recommended)

Set the root password. Select **Configure Root Password** from the main menu. The root password manages the system on a one-to-one basis.



## 6 (Recommended)

Configure a static IP address. By default, the system is set to obtain an address through DHCP. To set a static IP address, select **Configure Management Network** from the main menu. In the **Network Configuration** screen, set your DNS parameters.

**NOTE:** Record the host IP address to manage the system.



## 7 Licensing Information

Your VMware license is distributed electronically or via a license card. The license card is in your system packaging. If you do not have a license card, your system has been pre-licensed in the Dell factory for your convenience. Use the steps below to retrieve your license code.

In the main screen, select **View Support Information** menu. The serial number (license) appears. It is recommended that you record this code in a safe place. Record your server license code in the space provided.



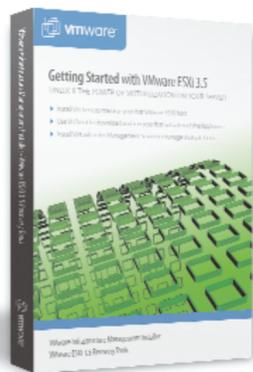
## 8 Additional VMware Features

If you purchased an advanced licensing edition of ESXi (VMware ESXi Foundation or Enterprise), claim an additional license from VMware to enable these features. Browse to [www.vmware.com/code/dell](http://www.vmware.com/code/dell), follow the VMware registration instructions, and enter the license code.

**Note:** Your version of VMware software may allow you to try advanced VMware features for a limited period. At the end of the trial period, the VMware product disables these features unless you claim your advanced VMware features. Once you install the new license, your system offers the VMware features you purchased.

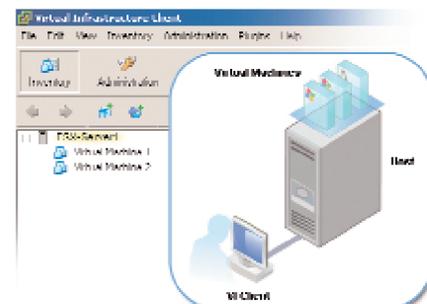
## 9 Installing/Configuring Management Client

You are now ready to configure your Management Client/Server. Consult the *VMware Getting Started Guide* included with the *VMware Infrastructure Management Installer* media bundle to continue setup.



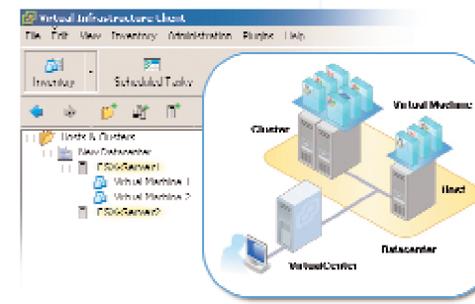
## 10 Management Options

**Single Host** — Use the VMware Infrastructure Client (VI Client) to manage a single host from your Management Client. Install VI Client from the *VMware Infrastructure Management Installer* media (recommended) or use a web browser to connect to the ESXi IP address to download and install the VI Client on the Management Client. Login using the root password configured in Step 5.



## Virtual Center

**Multi-Host** — Use the VMware VirtualCenter Server (VC Server) to manage multiple hosts from your Management Server. Install VC Server from the *VMware Infrastructure Management Installer* media. VC Server is available with an additional cost, or as a 60-day trial. Login using the Microsoft® Windows® administrator credentials on your Management Server.



### Server Information

Server IP address : \_\_\_\_\_

Server Name : \_\_\_\_\_

Server License Code: \_\_\_\_\_



For Dell-VMware Information:  
[www.dell.com/vmware](http://www.dell.com/vmware)

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