1. Press the **Enter**key to boot from the installation media.

Graphical user interface, text

Description automatically generated

1. Press the **Enter** key to start the installation.

Text

Description automatically generated

1. Press the **Tab** key to Accept the EULA and continue.

Graphical user interface, text, application

Description automatically generated

1. Text

   Description automatically generated with low confidencePress the **Enter**key to select the drive to install ESXi on.
2. Press the **Enter**key to select the **US Default** keyboard.

Graphical user interface, application

Description automatically generated

1. For the Root password, type **VMware1!**
2. Press the down-arrow Key.
3. Confirm the password by typing **VMware1!**again.

Graphical user interface

Description automatically generated

1. Press the **Enter**key.
2. Press the **Tab**key to start the installation.

Graphical user interface, text, application

Description automatically generated

1. Press the **Enter** key to reboot the server.

Text

Description automatically generated

Text

Description automatically generated

**NOTE:** At this point, you would want to remove the installation media prior to restarting.

Now that the server is back up and running, we will need to configure the settings for the Management Network.  This will allow us to connect the ESXi host to the network and at add the host to the vCenter Server.

1. Press the **F2** key to customize the system,
2. Press the down-arrow key to move to the password field.
3. Type **VMware1!**for the password.
4. Press the **Enter**key.
5. Use the down arrow key to select **Configure Management Network.**
6. Press the **Enter**key.
7. Press the **Enter**key again to select **Network Adapters.**
8. Use the down-arrow key to highlight **vmnic2.**
9. Press the **Spacebar**to select **vmnic2**.  This will let us use two connections for load balancing and fault tolerance.
10. Press the **Enter**key.
11. Use the down-arrow key to highlight **IPv4 Configuration**.
12. Press the **Enter**key.
13. Use the down-arrow key to select **Set static IPv4 address and network configuration**.
14. Press the **Spacebar** to select it.
15. Use the down-arrow key to move to the **IPv4 Address** field.
16. Type **192.168.110.51**for the IP Address.
17. Use the down-arrow key to move to the **Default Gateway**field.
18. Type **192.168.110.10** for the Default Gateway.
19. Press the **Enter** key.
20. Use the down-arrow key to highlight **DNS Configuration.**
21. Press the **Enter**key.
22. Use the down-arrow key to highlight **Use the following DNS server addresses and hostname**.
23. Press the **sapcebar**to select it.
24. Use the down-arrow key to move to the **Hostname**field.
25. Type **esx-01a-corp.local** for the hostname.
26. Press the **Enter**key.
27. Press the **Tab** key to apply these changes.
28. Press the **Y**key to apply the changes and restart the management network.
29. Use the down-arrow key to highlight **Test Management Network.**
30. Press the **Enter** key.
31. Press the **Enter**key again to start the test.
32. Press the **Enter**key once the test has completed successfully.
33. Press the **Tab**key to log out of the console.

Graphical user interface, website

Description automatically generated

Treemap chart

Description automatically generated with medium confidence

Text

Description automatically generated

Chart, treemap chart

Description automatically generated with medium confidence

Timeline

Description automatically generated with medium confidence

Chart

Description automatically generated with medium confidence

Text

Description automatically generated

Chart, treemap chart

Description automatically generated

Timeline

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Text

Description automatically generated

Treemap chart

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text

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Text

Description automatically generated

ESXI HOST CLIENT

The VMware Host Client is an HTML5-based client that is used to connect to and manage single ESXi hosts.

You can use the VMware Host Client to perform administrative and basic troubleshooting tasks, as well as advanced administrative tasks on your target ESXi host. You can also use the VMware Host Client to conduct emergency management when vCenter Server is not available.

It is important to know that the VMware Host Client is different from the vSphere Web Client, regardless of their similar user interfaces. You use the vSphere Web Client to connect to vCenter Server and manage multiple ESXi hosts, whereas you use the VMware Host Client to manage a single ESXi host.

Click on the **Chrome Icon**on the Windows Quick Launch Task Bar

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

## LOGIN

Graphical user interface, website

Description automatically generated

## ESXI HOST CLIENT

Graphical user interface, text, application, email

Description automatically generated

The ESXi Host, in this case, **esx-03a**, can now be directly managed. This can be useful in test/dev environments where a vCenter Server is not present or in a production environment where the vCenter Server is not reachable.

The initial screen shows high-level details and recent tasks. There are also various power options for the host and an Actions menu for the most common tasks.  Note that the server is currently in Maintenance Mode, which will be discussed in a future lesson. Click to minimize the Recent tasks interface to gain more room.

1. Click on **Manage**

A screenshot of a computer

Description automatically generated

## SYSTEM

On the **System** tab, the most common options set here are the date and time for the host. It can be set and synchronized with an NTP server or set manually. In addition, Autostart settings for the host can be configured here as well.

## HARDWARE

Click on the **Hardware** tab

1. Click **Power Management**

Graphical user interface, text

Description automatically generated

## SERVICES

Click the **Services** tab

Services like SSH access and the Direct Console UI can be stopped and started from this screen.

A screenshot of a computer

Description automatically generated

## SECURITY AND USERS

On the Security & Users tab, security options such as authentication to Active Directory and Certificates can be set here. There is also the ability to create additional roles and user accounts for the host itself. This option uses accounts that are local only to the host and not shared with any other hosts or vCenter Server.  vCenter Server is set up to use single sign-on which makes account management much easier. This will be reviewed in the lessons that follow.

1. Click on **Security & users**