Install and Configure FindIT Network Manager and FindIT Network Probe on a VMware Virtual Machine

Objective

The Cisco FindIT Network Management provides tools that help you easily monitor, manage, and configure your Cisco 100 to 500 Series network devices such as switches, routers, and wireless access points (WAPs) using your web browser. It also notifies you about device and Cisco Support notifications such as the availability of new firmware, device status, network settings updates, and any connected devices that are no longer under warranty or covered by a support contract.

The FindIT Network Management is a distributed application which is comprised of two separate components or interfaces: one or more Probes referred to as FindIT Network Probe and a single Manager called FindIT Network Manager.

An instance of FindIT Network Probe installed at each site in the network performs network discovery and communicates directly with each Cisco device. In a single site network, you may choose to run a standalone instance of FindIT Network Probe. However, if your network comprises multiple sites, you may install FindIT Network Manager at a convenient location and associate each Probe with the Manager. From the Manager interface, you can get a high-level view of the status of all the sites in your network, and connect to the Probe installed at a particular site when you wish to view detailed information for that site.

This article provides instructions on how to install and configure FindIT Network Manager and FindIT Network Probe using a VMware virtual machine (VM).

Note: If you prefer to install and configure FindIT Network Manager and Probe on a different platform, click <u>here</u> for Oracle VM VirtualBox Manager, or click <u>here</u> for Microsoft Hyper-V Manager.

Install FindIT Network Manager on VMware

For the FindIT Network Manager, an Open Virtual Appliance (OVA) format VM image can be deployed to VMware products.

Install FindIT Network Manager using any of the available virtual machines below and then configure its deployment:

VMware Fusion

VMware vSphere Client

VMware Workstation Pro

Configure the Deployed FindIT Network Manager

Install FindIT Network Probe using any of the available virtual machines:

VMware Fusion

VMware vSphere Client

VMware Workstation Pro

Configure the Deployed FindIT Network Probe

Install FindIT Network Manager using VMware Fusion

Follow these steps to deploy the OVA VM image to VMware Fusion.

Step 1. Download the FindIT Network Manager OVA VM image from the <u>Cisco Small</u> <u>Business Site</u>.

Step 2. Launch the VMware Fusion application on your server or computer.



Note: In this example, Mac OS X El Capitan is used.

Step 3. Click Import an existing virtual machine, then click Continue.





Note: Alternatively, you can click the Add button then click Import.



Step 4. Click Choose File.

Choose an Existing Vir	ual Machine	
Recent items:		* ~
Choose File		
Cancel	Go Back	Continue

Step 5. Click the downloaded OVA image in Step 1, then click **Open**.

Name	^	Date Modified
CentOS68-FindITManager-1.0.0.20160928.ova		Oct 4, 2016, 5:13 AM
OpenWRT-FindITProbe-1.0.1.16301.ova		Oct 4, 2016, 2:36 AM
	0	Cancel Open

Step 6. Click Continue.

Choose an Existing Virtual Machine

cent items:	☆ ~
CentOS68-FindITManager-1.0.0.20160928 Size: Unknown Type: Other	Show in Finder
Choose File	
ancel	Go Back Continue
Step 7. (Optional) Enter a name for the FindIT Network Ma	anager.

Save As:	FindIT Network Manager.vmwarevr	m 🗸
Tags:		
Where:	📄 Virtual Machines	0
 Share this Some featu Sharing is of folder. 	virtual machine with other users on res will be limited when sharing a virtual only available when the virtual machine is	n this Mac machine. saved in a shared
		Cancel Save

Note: In this example, FindIT Network Manager.wmwarevm is used.

Step 8. Click Save.

Step 9. Review the Virtual Machine Summary then click Finish.

Finish

The configuration of the virtual machine is now complete.

Virtual Machine Summary

Guest Operating System CentOS 64-bit Memory 2 GB Networking Autodetect (Bridged) Device Summary CD/DVD, Floppy

To change the default virtual machine settings, click Customize Settings. To run the virtual machine now, click Finish.

Cancel

Finish

Go Back

Step 10. Once the deployed VM appears, click the **Play** button.



Note: Once the VMware has completed the deployment, the FindIT Network Manager will be displayed in the Virtual Machine Library under VIRTUAL MACHINES.

•••		Virtual Machine Library		
+ ~ Add	View	Start Up Settings Snapshots		
VIRTUAL M	ACHINES	Name		
Find	IIT Network Manager	FindIT Network Manager		

Step 11. Proceed to the <u>Configure the Deployed FindIT Network Manager</u> section to configure the deployed appliance.

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Install FindIT Network Manager using VMware vSphere Client

Follow these steps to deploy the OVA VM image to VMware vSphere Client.

Important: Before proceeding with the installation steps, make sure you have the following:

- vCenter or ESXi server credentials:
 - Name or IP address
 - User name
 - Password
- Pre-configured datastore in the server
- Pre-configured VM Network

Step 1. Download the FindIT Network Manager OVA VM image from the <u>Cisco Small</u> <u>Business Site</u>.

Step 2. Launch the VMware vSphere Client on your server or computer.



Note: In this example, Windows 2012 Server R2 operating system is used.

Step 3. Enter the vCenter or ESXi server name or IP address in the IP address / Name field.

Ø VN	/ware vSphere Client
vm ware [,]	
VMware vSphere"	
Client	
All vSphere features available only throu vSphere Client will o feature set as vSph	s introduced in vSphere 5.5 and beyond are gh the vSphere Web Client. The traditional ontinue to operate, supporting the same ere 5.0.
To directly manage a sing To manage multiple hosts vCenter Server.	le host, enter the IP address or host name. , enter the IP address or name of a
IP address / Name:	10.2.0.10
User name:	
Password:	
	Use Windows session credentials
	Login Close

Note: In this example, the ESXi server IP address of 10.2.0.10 is used.

Step 4. Enter the user name and password of the server in the User name and Password fields.

To directly manage a singl To manage multiple hosts, vCenter Server.	e host, enter the IP address or host nam enter the IP address or name of a	e.
IP address / Name:	10.2.0.10	
User name:	cisco	
Password:	*******	
	Use Windows session credentials	
	Login	Close

Step 5. Click Login.

Step 6. (Optional) If a datastore has not been created in the server, add a new storage in the

Configuration tab.



Step 7. Click File > Deploy OVF Template.



Step 8. Click Browse.

Deploy from a file or URL	
▼	Browse
Enter a URL to download and install the OVF package from the Inter specify a location accessible from your computer, such as a local har network share, or a CD/DVD drive.	net, or d drive, a

Step 9. Click the downloaded OVA image in Step 1, then click **Open**.

Name	Date modified	Туре
CentOS68-FindITManager-1.0.0.20161012	10/18/2016 12:32	OVA File
OpenWRT-FindITProbe-1.0.1.16736	10/17/2016 11:56	OVA File

<	III			>
me:	CentOS68-FindITManager-1.0.0.2℃ ➤	OVF packages (*	.ovf;*.ova) 🗸 🗸]
		Open	Cancel	

Step 10. Click Next to continue.

Deploy from a file or URL
C:\Users\Administrator\Desktop\FindITOS686\CentOS68-Fin 💌 Browse
Enter a URL to download and install the OVF package from the Internet, or specify a location accessible from your computer, such as a local hard drive, a network share, or a CD/DVD drive.
< Back Next > Cancel

Step 11. Click Next.

Product:	CentOS67_OM_Template			
Version:				
Vendor:				
Publisher:	No certificate present			
Download size:	1.2 GB			
Size on disk:	2.1 GB (thin provisioned) 16.0 GB (thick provisioned)			
Description:				
		< Back	Next >	Cancel

Step 12. Enter a name for the FindIT Network Manager in the Name field, then click Next.

Name: FindIT Network Manager			
The name can contain up to 80 characters and it must be unique with	hin the i	nventory folde	r.
< Bac	k	Next >	Cancel

Note: In this example, FindIT Network Manager is used.

Step 13. Choose a destination storage for the FindIT Network Manager VM, then click **Next**.

Select a destination storage for the virtual machine files:

Name	Dr	rive Type	Capacity	Provisioned	Free	Туре
OS DataStore	N	on-SSD	456.25 GB	974.00 MB	455.30 GB	VMFS5
👔 Virtual Machine Dai	taStore N	on-SSD	2.72 TB	105.13 GB	2.62 TB	VMFS5
<	1	II.				>
Disable Storage DRS f	for this virtua	l machine				
Coloct a datastara						
Select a datastore:					-	
Select a datastore: Name	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore: Name I	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
Select a datastore:	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro

Note: In this example, Virtual Machine DataStore is chosen.

Step 14. Click a storage provision then click Next.

Datastore:	Virtual Machine DataSto	re		
Available space (GB):	2684.9			
Thick Provision Lazy Zero Thick Provision Eager Zero Thin Provision	oed roed			
		< Back	Next >	Cancel

The options are:

- Thick Provision Lazy Zeroed This option creates a virtual disk in a default thick format.
- Thick Provision Eager Zeroed This creates a type of thick virtual disk that supports clustering features.
- Thin Provision You can use this format to save storage space.

Note: In this example, Thick Provision Lazy Zeroed is chosen.

Step 15. Choose a network then click **Next**.

ource Networks	Destination Networks	
'M Network	VM Network	
scription:		
ne VM Network network		/
		×

Note: In this example, VM Network is used.

Step 16. Review the configured settings.

When you click Finish, the deployment task will be started.

Deployment settings:	
OVF file:	C:\Users\Administrator\Desktop\FindITBeta6\CentOS68
Download size:	1.2 GB
Size on disk:	16.0 GB
Name:	Find IT Network Manager
Host/Cluster:	localhost.router-mine.com
Datastore:	Virtual Machine DataStore
Disk provisioning:	Thick Provision Lazy Zeroed
Network Mapping:	"VM Network" to "VM Network"
Power on after deployment	
	< Back Finish Cancel

Step 17. (Optional) Check the **Power on after deployment** check box to launch the VM after deployment.



Step 18. Click **Finish** to complete the installation.

Step 19. Once deployment has been completed, click Close.



Step 20. Click the deployed VM then click **Power on the virtual machine**.



Note: Alternatively, you can click the Play button to power on the VM.



Step 21. (Optional) To access the console, right-click on the FindIT Network Manager VM then choose **Open Console**.

			6	2		13	2	>		Þ		
-	10.	2.0.10 FindIT	Network	k Mana	ger	FindI	T Netv	vork M	lanage	ir		
		Find11 Virtual	Netwon Desktop	k Probe		Pov Gue Sna	wer est apshot en Cor	nsole)			> > >
					•	Add Rep Rer	t Settin d Perm port Pe name	ngs nission. rforma	 ince		Ctrl+P	
						Op Rer Del	en in N move f ete fro	lew W i rom In m Disk	ndow. ventor	Ct y	rl+Alt+N	

Step 22. Proceed to the <u>Configure the Deployed FindIT Network Manager</u> section to configure the deployed appliance.

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Install FindIT Network Manager using VMware Workstation Pro

Follow these steps to deploy the OVA VM image to VMware Workstation Pro.

Step 1. Download the FindIT Network Manager OVA VM image from the <u>Cisco Small</u> <u>Business Site</u>.

Step 2. Launch the VMware Workstation Pro application on your server or computer.



Note: In this example, Windows 8 operating system is used.

Step 3. Click Open a Virtual Machine from the Home tab.



Step 4. Click the downloaded OVA image in Step 1, then click Open.

Local Disk (D:) 🕨 F	indIT 👻	 ✓ Search FindIT 	م
New folder		:==	• 🔟 🔞
Name	^	Date modified	Туре
🚴 CentOS68-Fir	ndITManager-1.0.0.20160928	10/4/2016 5:13 AM	Open Virtualizatio.
🜏 OpenWRT-Fi	ndITProbe-1.0.1.16301	10/4/2016 2:36 AM	Open Virtualizatio.
•			•
File name: Cent	tOS68-FindITManager-1.0.0.20	 All supported files 	; ▼
		Open	Cancel

Step 5. (Optional) Enter a name for the FindIT Network Manager.

Import Virtual Machine	×
Store the new Virtual Machine Provide a name and local storage path for the new virtual machine.	
Name for the new virtual machine: FindIT Network Manager	_
Storage path for the new virtual machine: C:\Users\Cisco\Documents\Virtual Machines\Find Browse	·
Help Import Cano	el

Note: In this example, FindIT Network Manager is used.

Step 6. Click Import.

Note: Once the VMware has completed the deployment, the FindIT Network Manager will be displayed in the Library under My Computer.

Step 7. On the left panel, click the deployed FindIT Network Manager appliance.

VMware Workstation	
File Edit View VM	Tabs Help
Library	×
Q Type here to search	• •
My Computer My Computer FindIT Networ Shared VMs	k Manager 😭

Step 8. Click **Power on this virtual machine**o access the console of the VM.

🤟 FindIT Network Manager - VMware Work	station
File Edit View VM Tabs Help	🕨 🖬 🗠 🤤 🖓 🖕 🖕
Library × C Type here to search My Computer FindIT Network Manager Shared VMs	FindIT Network Manager × FindIT Network Manager Power on this virtual machine Edit virtual machine settings Upgrade this virtual machine
	 Devices Memory 2 GB Processors 1 Hard Disk (SCSI) 16 GB CD/DVD (IDE) Auto detect Floppy Using drive A: Network Adapter Bridged (Autom Display 1 monitor

Step 9. Proceed to the <u>Configure the Deployed FindIT Network Manager</u> section to configure the deployed appliance.

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Configure the Deployed FindIT Network Manager

Once deployment of the FindIT Network Manager is completed using your preferred virtual machine, follow the steps below to configure the VM.

Step 1. Access the console of the FindIT Network Manager VM.

Step 2. Log in to the console using the default username and password: cisco/cisco.

FindITManager login: **cisco** Password: **cisco**

Step 3. Once you are prompted to change the password for the cisco account, enter the current password.

CentOS release 6.8 (Final) Kernel 2.6.32-642.3.1.el6.x86_64 on an x86_64 FindITManager login: cisco Password: You are required to change your password immediately (root enforced) Changing password for cisco. (current) UNIX password:

Step 4. Enter and retype the new password for the cisco account.

```
CentOS release 6.8 (Final)
Kernel 2.6.32-642.3.1.el6.x86_64 on an x86_64
FindITManager login: cisco
Password:
You are required to change your password immediately (root enforced)
Changing password for cisco.
(current) UNIX password:
New password:
Retype new password:
```

The DHCP IP Address and Administration GUI address will be displayed.

CentOS release 6.8 (Final) Kernel 2.6.32-642.3.1.el6.x86_64 on an x86_64
FindITManager login: cisco Password: You are required to change your password immediately (root enforced) Changing password for cisco. (current) UNIX password: New password: Retype new password:
FindIT Manager (1.0.0.20160928-beta) Powered by CentOS release 6.8 (Final)
Enter 'sudo config_vm' to change platform settings and set a static IP a
[cisco@FindITManager ~]\$ _

Note: In this example, the IP Address of FindIT Network Manager is 192.168.1.101 and the Administration GUI address is https://192.168.1.101.

Step 5. Enter the **sudo config_vm** command to start the initial setup wizard.

[cisco@FindITManager cisco]\$ sudo config_vm

Step 6. Enter the password for sudo. The default password is cisco. If you changed it, enter the new password.

[cisco@FindITManager ~1\$ cd /opt/cisco [cisco@FindITManager cisco]\$ sudo config_vm [sudo] password for cisco:

Step 7. Enter **y** for Yes or **n** for No in the setup wizard to configure the Hostname, Network, NTP server, and Time Zone.

Config a hostname ? (y/n) : y

Step 8. (Optional) If DHCP is specified when configuring network, enter the **ifconfig** command to check the assigned IP address and remember it. A static IP can also be configured.

```
[cisco@FindITManager cisco]$ ifconfig
```

You should now have completed the FindIT Network Manager installation on your VM.

To learn how to access and configure the initial settings of the FindIT Network Manager, click <u>here</u> for instructions.

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Install FindIT Network Probe

Install FindIT Network Probe using VMware Fusion

Follow these steps to deploy the OVA VM image to VMware Fusion.

Step 1. Download the FindIT Network Probe OVA VM image from the <u>Cisco Small Business</u> <u>Site</u>.

Step 2. Launch the VMware Fusion application on your server or computer.



Note: In this example, Mac OS X EI Capitan is used.

Step 3. Click the Add button then click Import.



Step 4. Click Choose File.

Choose an Existing Virtual Machine

cent items:	* ~
CentOS68-FindITManager-1.0.0.20160928 Size: Unknown Type: Other	Show in Finder
Choose File	
ancel	Go Back Continue

Step 5. Click the downloaded OVA image in Step 1, then click **Open**.

Name	^	Date Modified
CentOS68-FindITManager-1.0.0.20160928.ova		Oct 4, 2016, 5:13 AM
OpenWRT-FindITProbe-1.0.1.16301.ova		Oct 4, 2016, 2:36 AM
	(Cancel Open

Step 6. Click Continue.

ecent items:			幸 ~
CentOS6 Size: Un Type: Ot	38-FindITManager-1.0.0.20 nknown ther	160928	Show in Finder
OpenWR Size: Ur Type: Ot	T-FindITProbe-1.0.1.1630 nknown ther	1	Show in Finder
	Choose F	ile	

ancel	Go Back	Continue

Step 7. (Optional) Enter a name for the FindIT Network Probe.

Save As: FindIT Network Probe.vmwa	revm 🔽 🗸
Tags:	
Where: Virtual Machines	0
 Share this virtual machine with other us Some features will be limited when sharing a Sharing is only available when the virtual mac folder. 	sers on this Mac virtual machine. chine is saved in a shared
	Cancel Save

Note: In this example, FindIT Network Probe.wmwarevm is used.

Step 8. Click Save.

Step 9. Review the Virtual Machine Summary then click **Finish**. The deployed VM will automatically start.

Finish

The configuration of the virtual machine is now complete.

Virtual Machine Summary

Guest Operating System Other Linux 64-bit Memory 512 MB Networking Autodetect (Bridged) Device Summary None

To change the default virtual machine settings, click Customize Settings. To run the virtual machine now, click Finish.

Customize Settings

ncel Go Back Finish			
	incel	Go Back	Finish

Note: Once the VMware has completed the deployment, the FindIT Network Probe will be displayed in the Virtual Machine Library under VIRTUAL MACHINES.



Step 9. Proceed to the <u>Configure the Deployed FindIT Network Probe</u> section to configure the deployed appliance.

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Install FindIT Network Probe using VMware vSphere Client

Follow these steps to deploy the OVA VM image to VMware vSphere Client.

Important: Before proceeding with the installation steps, make sure you have the following:

- vCenter or ESXi server credentials:
 - Name or IP address
 - User name
 - Password
- Pre-configured datastore in the server
- Pre-configured VM Network

Step 1. Download the FindIT Network Probe OVA VM image from the <u>Cisco Small Business</u> <u>Site</u>.

Step 2. Launch the VMware vSphere Client on your server or computer.



Note: In this example, Windows 2012 Server R2 operating system is used.

Step 3. Enter the vCenter or ESXi server name or IP address in the IP address / Name field.

Ø VN	/ware vSphere Client
vmware [.] VMware vSphere Client	
All vSphere features available only throug vSphere Client will o feature set as vSph	s introduced in vSphere 5.5 and beyond are gh the vSphere Web Client. The traditional ontinue to operate, supporting the same ere 5.0.
To manage multiple hosts, vCenter Server.	, enter the IP address or name of a
IP address / Name:	10.2.0.10
User name:	1
Password:	
	Use Windows session credentials
	Login Close

Note: In this example, the ESXi server IP address 10.2.0.10 is used.

Step 4. Enter the user name and password of the server in the *User name* and *Password* fields.

To directly manage a single To manage multiple hosts, vCenter Server.	e host, enter the IP address or host na enter the IP address or name of a	me.
IP address / Name:	10.2.0.10	
User name:	cisco	
Password:	******	
	Use Windows session credentials	
	Login	Close

Step 5. Click Login.

Step 6. (Optional) If a datastore has not been created in the server, add a new storage in the

Configuration tab.



Step 7. Click File > Deploy OVF Template.



Step 8. Click Browse.

Deploy from a file or URL	
	Browse
Enter a URL to download and install the OVF package from the Inter specify a location accessible from your computer, such as a local har network share, or a CD/DVD drive.	net, or d drive, a

Step 9. Click the downloaded OVA image in Step 1, then click **Open**.

Name	Date modified	Туре
CentOS68-FindITManager-1.0.0.20161012	10/18/2016 12:32	OVA File
OpenWRT-FindITProbe-1.0.1.16736	10/17/2016 11:56	OVA File

<	III			>
ame:	OpenWRT-FindITProbe-1.0.1.1673 ∨	OVF packages (*	.ovf;*.ova) 🗸]
		Open	Cancel	

Step 10. Click Next to continue.

Deploy from a file or URL	
C:\Users\Administrator\Downloads\OpenWRT-FindITProbe-1 Browse	
Enter a URL to download and install the OVF package from the Internet, or specify a location accessible from your computer, such as a local hard drive, a network share, or a CD/DVD drive.	
< Back Next >	Cancel

I

Step 11. Click Next again.

Product:	OA4Dev1			
Version:				
Vendor:				
Publisher:	No certificate present			
Download size:	95.4 MB			
Size on disk:	258.6 MB (thin provisioned) 1.0 GB (thick provisioned)			
Description:				
		< Back	Next >	Cancel

Step 12. Enter a name for the FindIT Network Probe in the Name field, then click Next.

Name: FindIT Network Probe			
The name can contain up to 80 characters and it must be unique	within the	e inventory folde	er.
<	Back	Next >	Cancel

Note: In this example, FindIT Network Probe is used.

Step 13. Choose a destination storage for the FindIT Network Probe VM, then click **Next**.

Select a destination storage for the virtual machine files:

Name	Dr	rive Type	Capacity	Provisioned	Free	Туре
OS DataStore	N	on-SSD	456.25 GB	974.00 MB	455.30 GB	VMFS5
Virtual Machine Da	ataStore N	on-SSD	2.72 TB	105.13 GB	2.62 TB	VMFS5
<		11				>
Disable Storage DRS Select a datastore:	for this virtua	l machine				
Name	Drive Type	Capacity	Provisioned	Free	Туре	Thin Pro
<		111				>
			< Back	Next	>	Cancel

Note: In this example, Virtual Machine DataStore is chosen.

Step 14. Click a storage provision then click **Next**.

Datastore:	Virtual Machine DataSto	re		
Available space (GB):	2684.9			
C Thick Provision Lazy Zero C Thick Provision Eager Zero C Thin Provision	oed roed			
			_	
		< Back	Next >	Cancel

The options are:

- Thick Provision Lazy Zeroed This option creates a virtual disk in a default thick format.
- Thick Provision Eager Zeroed This creates a type of thick virtual disk that supports clustering features.
- Thin Provision You can use this format to save storage space.

Note: In this example, Thick Provision Lazy Zeroed is chosen.

Step 15. Choose a network then click **Next**.

Map the networks used in this OVF	F template to networks in your inventory	
Source Networks	Destination Networks	
VM Network	VM Network	
<	Ш	>
Description:		
The VM Network network		~
	< Back N	ext > Cancel

Note: In this example, VM Network is chosen.

Step 16. Review the configured settings.

When you dick Finish, the deployment task will be started.

Deployment settings:	
OVF file:	C:\Users\Administrator\Downloads\OpenWRT-FindITPro
Download size:	95.4 MB
Size on disk:	1.0 GB
Name:	FindIT Network Probe
Host/Cluster:	localhost.router-mine.com
Datastore:	Virtual Machine DataStore
Disk provisioning:	Thick Provision Lazy Zeroed
Network Mapping:	"VM Network" to "VM Network"
Power on after deployment	
	< Back Finish Cancel

Step 17. (Optional) Check the **Power on after deployment** check box to launch the VM after deployment.



Step 18. Click Finish to complete the deployment.

Step 19. Once deployment has been completed, click Close.

Deployment Completed Successfully	-		x
Deploying FindIT Network Probe			
Completed Successfully			
	С	Clos	e

Step 20. Click the deployed VM then click **Power on the virtual machine**.



Note: Alternatively, you can click the Play button to power on the VM.



Step 21. (Optional) To access the console, right-click on the FindIT Network Probe VM, then choose **Open Console**.

EindlT Natwork Broke	FindIT Network Probe
witted Desktop	Power •
	Guest •
	Snapshot •
9	Open Console
i	Edit Settings
	Add Permission Ctrl+P
	Report Performance
	Rename
	Open in New Window Ctrl+Alt+N
	Remove from Inventory
	Delete from Disk

Step 22. Proceed to the <u>Configure the Deployed FindIT Network Probe</u> section to configure the deployed appliance.

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Install FindIT Network Probe using VMware Workstation Pro

Follow these steps to deploy the OVA VM image to VMware Workstation Pro.

Step 1. Download the FindIT Network Probe OVA VM image from the <u>Cisco Small Business</u> <u>Site</u>.

Step 2. Launch the VMware Workstation Pro application on your server or computer.



Note: In this example, Windows 8 operating system is used.

Step 3. Click Open a Virtual Machine from the Home tab.

WORKSTATION[®] 12 PRO



Step 4. Click the downloaded OVA image in Step 1, then click **Open**.

Local Disk (D:) FindIT	✓ Search FindIT	م
New folder	8=	- 🗌 🔞
Name	Date modified	Туре
CentOS68-FindITManager-1.0.0.20160928.	. 10/4/2016 5:13 AM	Open Virtualizatio.
🐼 OpenWRT-FindITProbe-1.0.1.16301	10/4/2016 2:36 AM	Open Virtualizatio.
File name: OpenWRT-FindITProbe-1.0.1.1630	All supported file	s v
	Open	Cancel

Step 5. (Optional) Enter a name for the FindIT Network Probe.

Import Virtual Machine	×
Store the new Virtual Provide a name and virtual machine.	Machine local storage path for the new
Name for the new virtual ma FindIT Network Probe	chine:
Storage path for the new vir	tual machine:
C:\Users\Cisco\Documents	Virtual Machines Find Browse
Help	Import Cancel

Note: In this example, FindIT Network Probe is used.

Step 6. Click Import.

Note: Once the VMware has completed the deployment, the FindIT Network Probe will be displayed in the Library under My Computer.

Step 7. On the left panel, click to choose the deployed FindIT Network Probe appliance.

FindIT Network Probe - VMware Workstati	on
File Edit View VM Tabs Help	▶ - 🕂 🖓 🖓 🖓 🗖 ⊑
Library ×	FindIT Network Probe × FindIT Network
Q Type here to search □ □ My Computer	FindIT Network Probe
FindIT Network Manager	Power on this virtual machine Edit virtual machine settings Opgrade this virtual machine
	 Devices Memory 512 MB Processors 1 Hard Disk (IDE) 1 GB Network Adapter Bridged (Autom Display 1 monitor

Step 8. Click **Power on this virtual machine** to access the console of the VM.



Step 9. Proceed to the <u>Configure the Deployed FindIT Network Probe</u> section to configure the deployed appliance.

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Configure the Deployed FindIT Network Probe

Once deployment is finished, follow the steps below to configure the VM.

Step 1. Access the console of the FindIT Network Probe VM.

Step 2. Log in to the console using the default username and password: cisco/cisco.

FindITProbe login: **cisco** Password: **cisco**

You will be prompted to change the password for the cisco account. The DHCP IP Address and Administration GUI address will be displayed.



Note: In this example, the IP Address of FindIT Network Probe is 192.168.1.102 and the Administration GUI address is https://192.168.1.102.

Step 3. Enter and retype the new password for the cisco account.

```
Changing password for cisco
New password:
Retype password:
Password for cisco changed by cisco
cisco@FindITProbe:~# _
```

Step 4. (Optional) Enter the **ifconfig** command to find the IP address of FindIT Network Probe.

cisco@Find	ITProbe:~# ifconfig
eth0	Link encan:Ethernet HWaddr 00:0C:29:6F:2E:DD
	inet addr:192.168.1.102
	ineto addr. feod20c.23ff:fe6f:2edd/64 Scope:Link
	inet6 addr: fec0::20c:29ff:fe6f:2edd/64 Scope:Site
	UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
	RX packets:149596 errors:0 dropped:0 overruns:0 fra
	TX packets:205206 errors:0 dropped:0 overruns:0 car
	collisions:0 txqueuelen:1000
	RX bytes:26494354 (25.2 MiB) TX bytes:183876308 (1
10	Link encap:Local Loopback
	inet addr:127.0.0.1 Mask:255.0.0.0
	inet6 addr: ::1/128 Scope:Host
	UP LOOPBACK RUNNING MTU:65536 Metric:1
	RX packets:73994 errors:0 dropped:0 overruns:0 fram
	TX packets:73994 errors:0 dropped:0 overruns:0 carr
	collisions:0 txqueuelen:0
	RX bytes:33273411 (31.7 MiB) TX bytes:33273411 (31

You should now have configured FindIT Network Probe on your machine.

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To learn how to access and configure the initial settings of the FindIT Network Probe, click <u>here</u> for instructions. To learn how to associate the FindIT Network Probe to the FindIT Network Manager, click <u>here</u> for instructions.