

Import CUCM Vmware WorkStation lên ESXi

(Bùi Quốc Kỳ - VnPro)

Bước 1: Khởi động chương trình Vmware vCenter Converter Standalone Client. CUCM Vmware WorkStation mặc định không thể Import lên ESXi server vì format cài đặt trên Vmware WordStation khác với format được cài đặt trên ESXi server. Vì thế, ta sử dụng chương trình "Vmware vCenter Converter Standalone Client" có thể tải miễn phí tại trang chủ của Vmware để tiến hành "convert" bản cài đặt CUCM Vmware Workstation thành định dạng format phù hợp trên ESXi server.



Bước 2: Click vào nút Convert machine

🚦 VMware vCenter Converter Standalone				
File View Task Administration Help				
🕼 Convert machine 🏽 🎰 Configure machine	0			
View by: 🔻 Tasks Show: 💌 Canceled	tasks in 💌 Recent tasks			
Task ID Job ID Source	Destination Status	Start time	End time	
		F (* F)		
	Welcome to VMware	vCenter Conve	erter Standalone	
Convert Machine	VMware vCenter Converter Standalon: it into a new VMware virtual machine. - Physical machines - VMware virtual machines (.vmx) - VMware Consolidated Backup (.vm - Microsoft Virtual PC or Virtual Serv - Symantec LiveState Recovery Ims - Acronis True Image Backup (.tib) - StorageCraft ShadowStor (.spf) - Parallels Virtualization Products (.p - Hyper-V virtual machines	e allows you to take o The machines you ma nx) er virtual machines (.v gge (.sv2i) vs)	ne of a variety of machines and convert ny convert include: rmc)	4

Bước 3: Chọn option VMware Workstation or other VMware virtual machine tại danh sách Select source type drop-down list.



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Select the source s	ystem you want to convert	
Source System	Source: none	Destination: none
Destination System Options Summary	Select source type:	VMware Workstation or other VMware virtual machine Powered-on machine VMware Infrastructure virtual machine VMware Workstation or other VMware virtual machine
	Browse for source	Backup image or third-party virtual machine Hyper-V Server
	Virtual machine file View source deta	e: Browse
Help Export dia	gnostic logs	< Back Next > Cancel
Int Blowse		
Conversion Source System Select the source sys	tem you want to convert	
Conversion Source System Source System	tem you want to convert Source: none	Destination: none
Conversion Source System Select the source sys Source System Destination System Options Summary	tem you want to convert Source: none Select source type:	Destination: none VMware Workstation or other VMware virtual machine Convert a virtual machine from VMware Workstation, VMware Player, VMware Fusion or other VMware product.
Conversion Source System Select the source sys Source System Destination System Options Summary	tem you want to convert Source: none Select source type: Browse for source	Destination: none VMware Workstation or other VMware virtual machine Convert a virtual machine from VMware Workstation, VMware Player, VMware Fusion or other VMware product. virtual machine or image
Conversion Source System Select the source sys Source System Destination System Options Summary	tem you want to convert Source: none Select source type: Browse for source Virtual machine file: View source detail	Destination: none VMware Workstation or other VMware virtual machine Convert a virtual machine from VMware Workstation, VMware Player, VMware Fusion or other VMware product. virtual machine or image :
Conversion Source System Select the source sys Source System Destination System Options Summary	tem you want to convert Source: none Select source type: Browse for source Virtual machine file: View source details	Destination: none VMware Workstation or other VMware virtual machine Convert a virtual machine from VMware Workstation, VMware Player, VMware Fusion or other vMware product. virtual machine or image : S
Conversion Source System Select the source sys Source System Destination System Options Summary	tem you want to convert Source: none Select source type: Browse for source Virtual machine file: View source detail	Destination: none VMware Workstation or other VMware virtual machine • Convert a virtual machine from VMware Workstation, VMware Player, VMware Fusion or other VMware product. virtual machine or image : • S



Chọn VMware Workstation của CUCM là PUB911.vmx rồi click nút Open.

Organize View for Downloads Recent Places	Name	*	C	Date modified	📰 🔻 🚺	(
Downloads Recent Places Libraries Documents	Name	*	C	ate modified	Туре	
 Recent Places Libraries Documents 	PUB911.vr		5	ate mounica	1 Y D C	
Cibraries	POB911.VI		0	/14/2012 7:40 DM	VMV EL	
Music Pictures Videos Computer Local Disk (C:) System Reserved Data (E:) tuc click Next. Conversion Source System	e name: PUB911.vm	IX		VMware virtua	I machine (*.vn Cance	אר ו ו
Select the source system	n you want to convert					
Source System	Source: none		Destinatio	on: none		
Options	Select source type:	VMware Workstation o	r other VMware vi	rtual machine 🔻		
Summary		Convert a virtual machine f VMware product.	rom VMware Worksta	ation, VMware Player, VM	Iware Fusion or othe	er
	-Browse for source	virtual machine or image				
	Virtual machine file	: MCCNP CCIE Voice La	b of VnPro\PUR91	11\PUB911\PUB911.v	mx - Browse	
	View source detai					

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Bước 4: Khai báo thông tin đăng nhập tới ESXi server. Click nút Next.

Destination System Select a host for the ne	w virtual machine
Source System Destination System Destination Virtual Machine Destination Location Options Summary	Source: DE E:\Voice\CUCM\C\PUB911\PUB911.vmx (Red Hat Enterprise Linux 5 (32-bit)) Destination Select destination type: VMware Infrastructure virtual machine Creates a new virtual machine for use on a VMware Infrastructure product. VMware Infrastructure server details Server: 10.215.26.2 User name: root Password: ••••••••
Help Export diagnos	stic logs < <u>B</u> ack <u>N</u> ext > Cance

Bước 5: Khai báo tên của máy ảo đích là CUCM9 PUB rồi click nút Next button.

Destination Virtual Mach Select the destination V	ine /M name and folder			
Source System	Source: 🗗 E:\Voice\C	UCB911\PUB911.v	vmx (Red Hat Enterprise Linux 5 (32-	bit)) Destination: 蟵 P
Destination System Destination Virtual Machi	Name: CUCM9_PUB			
Destination Location Options	Inventory for: 10.215.2	26.2	Search for name with:	Clea
Summary	VM name	Power state		
	CUCM7_PUB CUPS	Powered off Running Running 9 Running		
4	<u>R</u> efresh			



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Bước 6: Tiếp tục click Next button.

	te new virtual machine	
Source System Destination System Destination Virtual Machine Destination Location Options Summary	Source: D E:\Voice\CU911\PUB911.vmx (Red Hat Inventory for: 10.215.26.2 Docalhost.localdomain	Enterprise Linux 5 (32-bit)) Destination: S CUC Total source disks size: 80 GB Datastore datastore1 Capacity: 550.75 GB Free: 182.27 GB Type: VMFS5 Block size: 1 MB Virtual machine version Version 11

Bước 7: Hiệu chỉnh các tham số cho máy ảo như RAM, NIC như hình bên dưới. Click nút Next.

Options Set up the parameters	for the conversion task	\PUB911.vmx (Re	d Hat Enterprise Linux 5 (32-bit)) Destinat	ion: 嵶 CUCM9 .
Destination System Destination Virtual Machine Destination Location Options Summary	Click on an <u>option below to a</u> Current settings:	edit it. Memory O 4,080GB 2,048GB 1,024GB 512CB 256GB 12GB 256GB 16GB 32GB 16GB 12BBB 12BBB 12BBB 12BBB 12BBB 12BBB 12BBB 12BBB 12BBB 12BBB 12BBBB 12BBB 12BBB 12BBBBB 12BBB	Memory allocated for this 400 virtual machine: 400 Maximum value supported for this guest OS by the destination Recommended memory size Minimum value supported for this Minimum value supported for this guest OS by the destination	96 €MB ▼ 64GB 1GB 512MB
Help Export diagno	stic logs		< <u>Back</u> <u>N</u> ext >	Cancel



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__ 🖸 🗾 📈 🚦 Conversion Options Set up the parameters for the conversion task Source: 🗗 E:\Voice\C...11\PUB911.vmx (Red Hat Enterprise Linux 5 (32-bit)) Destination: 🗐 CUCM9_... Source System Destination System Click on an option below to edit it. **Destination Virtual Machine** Destination Location Current settings: X Network adapters to connect 1 Options Edit Data to copy Summary Network adapter Network Copy type: Disk-based Controller type Connect at power-on VirtualDisk1: 80 GB NIC1 E1000 VM Net... -1 Devices Edit vCPUs: 2 (2 sockets ... Disk controller: Prese... Memory: 4GB Networks Edit NIC1: VM Network 🕶 🔔 Advanced ... 🛛 Edit Power on destinatio... Install VMware Tools:... Customize Guest OS:... 🔔 Reconfigure: N/A Throttling Edit CPU: None Network bandwidth:... Export diagnostic logs... < <u>B</u>ack <u>N</u>ext > Cancel Help

Bước 8: Quan sát thông tin thống kê Summary rồi click Finish button.

Summary Review the conversion pa	rameters	
Source System	Source: 🖶 E:\Voice\C11\PUB911.vmx (F	Red Hat Enterprise Linux 5 (32-bit)) Destination: 🦃 CUCM9_
Destination System		
Destination Virtual Machine	Source system information	
Destination Location	Source type:	VMware Workstation or other VMware virtual machine
Options	Path:	E:\Voice\CUCM\CCNP CCIE Voice Lab of VnPro\PUBS
Summary	CPU throttling:	None
	Network throttling:	None
	Destination system information	
	Virtual machine name:	CUCM9_PUB
	Hardware version:	Version 11
	Host/Server:	10.215.26.2
	Connected as:	root
	VM folder:	None
	Host system:	localhost.localdomain
	Resource pool:	Default
	Power on after conversion:	No
	Number of vCPUs:	2 (2 sockets * 1 cores)
	Physical memory:	4GB
	Network:	Preserve NIC count
	NIC1	Connected
		VM Network
	Disk controller type:	Preserve source
	Storage:	Disk-based cloning
	Number of disks:	1
	Create disk 0 as:	Thick provisioned disk [datastore1]
	Configuration files datastore:	datastore1
	< III	4



Bước 9: Theo dõi tiến trình import CUC Vmware WorkStation lên ESXi. Quan sát tốc độ upload lên ESXi server.

Viviware vCenter Converter Stand	dalone			
<u>File View Task Administration</u>	n <u>H</u> elp			
🗳 Convert machine 🛛 🖓 Configu	re machine 🧿			
View by: Tasks Show:	All tasks in Trecent tasks			
Task ID Job ID	Source Destination	Status St	art time End time	
¹ ¹⁹ 8 8	E\PUB911.vmx 10.215.26.2/C	4% 6/	23/2015 8:1 Estimated tir	me remaining: 43 minutes
			r	
Task ID 8: Running	Source: E:\Voice\CUCM\CC	NP CCIE Voice Lab of	TVnPro\PUB911\PUB911\PUI	B911.vmx Destination: 10.215.26.2/CUCM9_PUB
Summary Task progress				
	<u> </u>			
Conversion status		aue	Log highlights	Export logs
Created:	6/23/2015 8:18:37 AM by ynpro	A A	6/23/2015 8:18:59 AM	Starting to clone disk E:\Voice\CUCM\CCNP CCIE Voice Lab
Status	Running - 4% Complete		6/23/2015 8:18:37 AM	Task: Convert virtual machine.
Started:	6/23/2015 8-18-37 AM			
Running time:	1 minutes	=		
Estimated time remaining:	42 minutes			
Estimated camplation time	6/22/2015 0:04:05 AM			
Transfer rate:	0/23/2013 9:04:03 AM			
Transfer face:	2.04 MB/5	-	۰ III	4

Tiến trình Import hoàn tất.

VMware vCenter Converte	r Standalone							
ie <u>V</u> iew <u>T</u> ask <u>A</u> dminis	stration <u>H</u> elp							
🕽 Convert machine 🛛 🔒 C	Configure machine							
ew by: 🔻 Tasks Show	: 🔻 All tasks in 💌 Re	ecent tasks						
sk ID Job ID	Source I	Destination	Status	Start time	End time	9		
8 8	E\PUB911.vmx	10.215.26.2/C	 Completed 	6/23/2015 8:1	6/23/201	15 8:54:42 AM		
ck ID 9: 2 Completed	Sourco: E			of V/pDro\DUP011			octiontion: 10) 215 26 2/CUCMO I
sk ID 8: 🗸 Completed	Source: E	E:\Voice\CUCM\CCI	NP CCIE Voice L.	of VnPro\PUB911	\PUB911\	PUB911.vmx De	estination: 10).215.26.2/CUCM9_F
sk ID 8: 🗸 Completed	Source: E	E:\Voice\CUCM\CCI	NP CCIE Voice L.	of VnPro\PUB911	\PUB911\	PUB911.vmx De	estination: 10).215.26.2/CUCM9_F
sk ID 8: 💎 Completed	Source: E	E:\Voice\CUCM\CCI	P.P.P.	of VnPro\PUB911	\PUB911\	PUB911.vmx De	estination: 10).215.26.2/CUCM9_F
sk ID 8: 🗭 Completed Summary Task progra Conversion status	Source: E	E:\Voice\CUCM\CCI	NP CCIE Voice L.	of VnPro\PUB911' Log highlights	\PUB911\	PUB911.vmx De	estination: 10).215.26.2/CUCM9_F Export logs
sk ID 8: Completed Summary Task progra Conversion status Type:	Source: E ess Convert virtual machine	E:\Voice\CUCM\CCI or backup image	NP CCIE Voice L.	of VnPro\PUB911' Log highlights 6/23/2015 8:54:41	\PUB911\ AM (PUB911.vmx De	estination: 10	0.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE
sk ID 8: Completed iummary Task progra Conversion status Type: Created:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM	E:\Voice\CUCM\CCl or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59	\PUB911\ AM C AM S	PUB911.vmx De Completed clonir Starting to clone	estination: 10 ng disk E:\Voice e disk E:\Voice	0.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE &\CUCM\CCNP CCIE \
sk ID 8: Completed Summary Task progre Conversion status Type: Created: Status:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM Completed	E:\Voice\CUCM\CCI or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59 6/23/2015 8:18:37	\PUB911\ AM C AM S AM 1	PUB911.vmx Do Completed clonin Starting to clone Task: Convert vir	estination: 10 ng disk E:\Voice tual machine.	D.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE \\CUCM\CCNP CCIE \
sk ID 8: Completed Summary Task progre Conversion status Type: Created: Status: Status:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM Completed 6/23/2015 8:18:37 AM	E:\Voice\CUCM\CCI or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59 6/23/2015 8:18:37	\PUB911\ AM C AM S AM S	PUB911.vmx De Completed clonin Starting to clone Task: Convert vir	estination: 10 ng disk E:\Voic e disk E:\Voice tual machine.	D.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE V \CUCM\CCNP CCIE V
sk ID 8: Completed summary Task progre Conversion status Type: Created: Status: Status: Started: Completed:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM Completed 6/23/2015 8:18:37 AM 6/23/2015 8:54:42 AM	E:\Voice\CUCM\CCI or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59 6/23/2015 8:18:37	\PUB911\ AM C AM S AM S	PUB911.vmx De Completed clonin Starting to clone Task: Convert vir	estination: 10 ng disk E:\Voic e disk E:\Voice tual machine.	D.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE VCUCM\CCNP CCIE V
sk ID 8; Completed Summary Task progre Conversion status Type: Created: Status: Status: Started: Completed: Running time:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM Completed 6/23/2015 8:18:37 AM 6/23/2015 8:54:42 AM 36 minutes	E:\Voice\CUCM\CCl or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59 6/23/2015 8:18:37	\PUB911\ AM C AM S AM 1	PUB911.vmx Do Completed clonin Starting to clone Task: Convert vir	estination: 10 ng disk E:\Voic e disk E:\Voice tual machine.	D.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE VCUCM\CCNP CCIE V
ask ID 8: Completed Summary Task progre Conversion status Type: Created: Status: Started: Completed: Running time: Average transfer rate:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM 6/23/2015 8:18:37 AM 6/23/2015 8:54:42 AM 36 minutes 4.87 MB/s	E:\Voice\CUCM\CCI or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59 6/23/2015 8:18:37	\PUB911\ AM C AM S AM T	PUB911.vmx Do Completed clonir Starting to clone Task: Convert vir	estination: 10 ng disk E:\Voic e disk E:\Voice tual machine.	D.215.26.2/CUCM9_F Export logs ce\CUCM\CCNP CCIE v\CUCM\CCNP CCIE V
sk ID 8: Completed summary Task progre Conversion status Type: Created: Status: Started: Completed: Running time: Average transfer rate:	Source: E ess Convert virtual machine 6/23/2015 8:18:37 AM Completed 6/23/2015 8:18:37 AM 6/23/2015 8:54:42 AM 36 minutes 4.87 MB/s	E:\Voice\CUCM\CCI or backup image by vnpro	NP CCIE Voice L.	of VnPro\PUB911 Log highlights 6/23/2015 8:54:41 6/23/2015 8:18:59 6/23/2015 8:18:37	\PUB911\ AM C AM S AM 1	PUB911.vmx De Completed clonir Starting to clone Task: Convert vir	estination: 10 ng disk E:\Voic e disk E:\Voice tual machine.	D.215.26.2/CUCM9_P Export logs ce\CUCM\CCNP CCIE v\CUCM\CCNP CCIE v

Bước 10: Tiến hành đăng nhập tới ESXi server, ta có thể thấy, CUCM VMware Workstation đã được import thành công lên ESXi server. Click vào Power On để tiến hành khởi động.



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10.215.26.2 - vSphere Client			
<u>File Edit View Inventory Administra</u>	ation <u>P</u> lug-ins <u>H</u> elp		
E E Home D 🛃 Invento	tory 🕨 🎁 Inventory		
🔳 II 🕨 🧐 🔯 🕼 🕽	🔯 📴 🕪 🧇 🤛		
E ☐ 10.215.26.2 CU	UCM9_PUB Getting Started, Summary Resource Allocation Performance	Events Console Permissions	
	General	Resources	<u> </u>
👸 WinXP_10.215.26.9	Guest OS: Red Hat Enterprise Linux 5 (32-bit) VM Version: 11 CFU: 2 VCPU Memory: 4096 MB Memory Overhead: VMware Tools: Not running (Not installed) IP Addresses:	Consumed Host CPU: Consumed Host Memory: Active Guest Memory: Provisioned Storage: Refresh Storage Usage Provisioned Storage: 84.15 GB Not-Shared Storage: 80.00 GB Used Storage: 80.00 GB	
	DNS Name: State: Powered Off Host: Iocahost.localdomain Active Tasks: vSphere HA Protection: (© N/A Power On Commands Fokt Settings	Storage Differ type Capacity datastoret Nor-So 550.75 GB 10: m > > Network Type > VM Network Standard port group	E

Bước 11: Click vào máy ảo CUCM chọn Open Console.

2 10.215.26.2 - vSphere Client			
<u>File Edit View Inventory Administration Plug-ins H</u> elp			
🖸 🔯 Home 🕨 🛃 Inventory 🕨 🎁 Inventory			
🔳 II 🕟 🧐 🔯 🖓 😰 🕪 🧇 i	₽¢		
Image: Status of the status	Resource Allocation Performance Enterprise Linux 5 (32-bit) running (Out-of-date) On Localdoman	ance Events Console Permission Resources Consumed Host CPU: Consumed Host CPU: Consumed Host CPU: Consumed Host CPU: Consumed Host Memory: Active Guest Memory: Refresh Storage Usage Provisioned Storage: 84.23 GB Used Storage: 84.23 GB Used Storage: 84.23 GB Storage Drive Type Capacity datastorel Not-SSD 550.75 GB 10: (IIII) Network Type	E
Delete from Disk		VM Network Standard port group	
		Name, Larget or Status contains: •	Clear ×
Name Target Status	Details Initiated by	Requested Start Ti 💎 Start Time Completed Time	
Power On virtual mach A CUCM9_FUB Complete	d root	6/23/2015 9:01:31 PM 6/23/2015 9:01:31 PM 6/23/2015 9:01:31 PM	
Tasks		Evaluation Mod	e: 51 days remaining root

Tiến trình khởi động của CUCM server.



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CUCM9_PUB on localhost.localdomain		
File View VM		
INIT: Entering runlevel: 3		
Entering non-interactive startup		
Starting kdump: [OK]
Prepopulating Hardware Data:		
Detecting Server Hardware - this can take several minutes		
VMware: passed detection validation		
Caching Additional VMware Hardware info in background:		
Starting UMware firmware management.		
Beginning Hardware Setup and Firmware Management		
Hardware Setup Complete	,	
Starting sysstat: Calling the system activity data collector	(sa	dc):
	UK	1
Starting vmware-tools: Checking acpi hot plug	UK	1
Starting UMware lools services in the virtual machine:		1
Switching to guest configuration:	UK	1
Paravirtual SCSI module:	UK	1
Guest memory manager:	UK]
VM communication interface:	UK	1
VM communication interface socket family:	UK	1
Guest operating system daemon:	UK	1
Q4 matters beckmanned merels best	UK	1
Starting background readanead:	UK	1
Starting selload: SELINUX loading in progress	012	1
Etention in(teller)	UK	1
starting ipotables: _		

Bước 12: Đăng nhập vào CUCM bằng CLI.

CUCM9_PUB on localhost.localdomain	
File View VM	
Cisco Unified Communications Manager 9.1.1.10000-11 INIT: Id "SDO" respawning too fast: disabled for 5 minutes	
Cisco Unified Communications Manager 9.1.1.10000-11 pub login: _	
L	



Đăng nhập với tài khoản Platform Administration access (console user): admin/c1sco123

CUCM9_PUB on localhost.localdomain	
File View VM	
Cisco Unified Communications Manager 9.1.1.10000-11 INIT: Id "SDO" respawning too fast: disabled for 5 minutes	
Cisco Unified Communications Manager 9.1.1.10000-11 pub login: admin Password: Last login: Sat Sep 14 19:46:11 on tty1 Command Line Interface is starting up, please wait	
Welcome to the Platform Command Line Interface	
Z vCPU: Intel(R) Xeon(R) CPU E5540 @ 2.53GHz Disk 1: 80GB 4096 Mbytes RAM	
admin:_	

Bước 13: Kiểm tra địa chỉ của CUCM server bằng câu lệnh "show network eth0"

CUCM9_PUB on localhost.localdomain				
File View VM				
UMware Installation: 2 vCPU: Intel(R) Xeon(R) CPU Disk 1: 80GB 4096 Mbytes RAM	E5540 @ 2.53GHz			
INIT: Id "SDO" respawning too fast: disabled for 5 minutes				
admin: Control-C pressed				
admin:show network eth0				
DHCP : disabled Status : IP Address : 192.168.15.10 IP Mask : Link Detected: yes Mode : Duplicate IP : no	up 255.255.255.000 Auto enabled, Full, 1000 Mbits/s			
DNS Primary : 192.168.15.15 Secondary : Options : timeout:5 attempts:2 Domain : cucm9.local Gateway : 192.168.15.254 on Ethernet Ø	Not Configured			
admin:				



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Bước 14: Thiết lập lại thông tin network cho server

IP Address:	10.215.26.6
IP Mask:	255.255.255.0
Gateway:	10.215.26.1



Chọn "y" rồi nhấn enter để khởi động lại CUCM server.





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CUCM9_PUB on localhost.localdomain File View VM S 🔯 🖓 🕦 🕞 🧇 🎶 Note: Please verify that the new ip address is unique across the cluster and, if DNS services are utilized, any DNS configuration is completed before proceeding. To recognize the new ip address all nodes within the cluster will have to be manually rebooted. ______ Continue (y/n)?y calling 1 of 3 component notification script: adns_verify.sh Verifying 10.215.26.6 against primary DNS server 192.168.15.15 ... No response received from 192.168.15.15 No Secondary DNS server defined No hostname returned by for 10.215.26.6 No IP address returned by for pub.cucm9.local calling 2 of 3 component notification script: ahostname_callback.sh Info(0): Processnode query returned = name 192.168.15.10 updating server table from:'192.168.15.10', to: '10.215.26.6' Rows: 1 updating database, please wait 90 seconds - - X CUCM9_PUB on localhost.localdomain <u>File View VM</u> S 🔯 🖓 🗊 🕪 🧇 🎶 calling 1 of 3 component notification script: adns_verify.sh Verifying 10.215.26.6 against primary DNS server 192.168.15.15 ... No response received from 192.168.15.15 No Secondary DNS server defined No hostname returned by for 10.215.26.6 No IP address returned by for pub.cucm9.local calling 2 of 3 component notification script: ahostname_callback.sh Info(0): Processnode query returned = name _____ 192.168.15.10 updating server table from:'192.168.15.10', to: '10.215.26.6' Rows: 1 updating database, please wait 90 seconds updating database, please wait 60 seconds updating database, please wait 30 seconds calling 3 of 3 component notification script: clm_notify_hostname.sh Verifying update across cluster nodes... Shutting down interface eth0: [OK] Shutting down loopback interface: [OK] Bringing up loopback interface: [OK] Bringing up interface eth0: [OK] INIT: Sending processes the TERM signal INIT: Id "SDO" respawning too fast: disabled for 5 minutes !_ Restarting Cluster Manager service... Please Wait



Sau khi khởi động thành công, đăng nhập với tài khoản Platform Administration access (console user): admin/c1sco123



Bước 15: Kiểm tra địa chỉ của CUCM server bằng câu lệnh "show network eth0"

CUCM9_PUB on localhost.localdomain			
<u>F</u> ile Vie <u>w</u> <u>V</u> M ■ 11			
Last login: Tue Jun 23 10:08:05 on tty1 Command Line Interface is starting up, please wait			
Welcome to the Platform Command Line Interface			
VMware Installation: 2 vCPU: Intel(R) Xeon(R) CPU E5540 @ 2.53GHz Disk 1: 80GB 4096 Mbytes RAM			
admin:show network eth0			
Ethernet Ø DHCP : disabled Stat IP Address : 10.215.26.6 IP M Link Detected: yes Mode Duplicate IP : no	us : up Hask : 255.255.255.000 : : Auto enabled, Full, 1000 Mbits⁄s		
DNS Primary : 192.168.15.15 Seco Options : timeout:5 attempts:2 Domain : cucm9.local Gateway : 10.215.26.1 on Ethernet	ndary : Not Configured		
admin:			



Kiểm tra kết nối tới CUCM server.



Bước 16: Đăng nhập vào giao diện quản trị của CUCM server.

CUCM server được thiết lập với các thông tin tài khoản sau.

- Web administration access (https://10.215.26.6:8443/ccmadmin):
 - ✓ Cisco Unified Reporting: ccmadmin/c1sco123
 - ✓ Cisco Unified CM Administration: ccmadmin/c1sco123
 - ✓ Disaster Recovery System: admin/c1sco123
 - ✓ Cisco Unified Serviceability: ccmadmin/c1sco123
 - ✓ Cisco Unified OS Administration: admin/c1sco123

Từ ESXi client tiến hành đăng nhập tới CUCM server bằng liên kết

https://10.215.26.6:8443/ccmadmin. Đăng nhập vào CUCM server bằng tài khoản username: ccmadmin & password: c1sco123.



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For information about Cisco Unified Communications Manager please visit our Unified Communications System Documentation web site.

For Cisco Technical Support please visit our Technical Support web site.

Giao diện "Cisco Unified CM Administration" sau khi đăng nhập thành công vào

CUCM server.



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