How to upgrade vSphere 7 to vSphere 8

In this post, I am going to upgrade 2 servers that are currently running vSphere 7.03

Cisco UCS C220 M3 HP DL360 G8

I was able to download vSphere and vCenter 8. Made a bootable USB stick using RUFUS. Will boot the server using USB stick and perform the upgrade.

I will write another post on how to upgrade vCenter appliance 7.03 to 8.0 later.

CISCO Press (F2) Setup, (F6) Boot Menu, (F7) Diagnostics, (F8)Cisco IMC Configuration, (F12) Network Boot Bios Version : C220M3.3.0.4b.0.0622180149 Platform ID : C220M3 Cisco IMC IPv4 Address : 192.168.0.74 Cisco IMC IPv4 Address : 192.168.0.74 Cisco IMC MAC Address : 7C:AD:74:6F:8F:36 Total Memory = 256 GB Effective Memory = 256 GB Memory Operating Speed 1333 Mhz Entering boot selection menu...

Please select boot device:

(Bus 82 Dev 00)PCI RAID Adapter UEFI: IP4 Broadcom Adv. Dual 10GBASE-T Ethernet UEFI: IP4 Intel(R) I350 Gigabit Network Connection UEFI: IP4 Broadcom Adv. Dual 10GBASE-T Ethernet UEFI: Built-in EFI Shell UEFI: IP4 Intel(R) I350 Gigabit Network Connection Lexar USB Flash Drive 1100

UEFI: Lexar USB Flash Drive 1100 Enter Setup

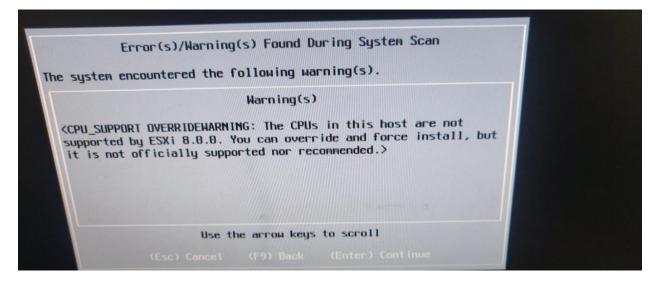
> ↑ and ↓ to move selection ENTER to select boot device ESC to boot using defaults

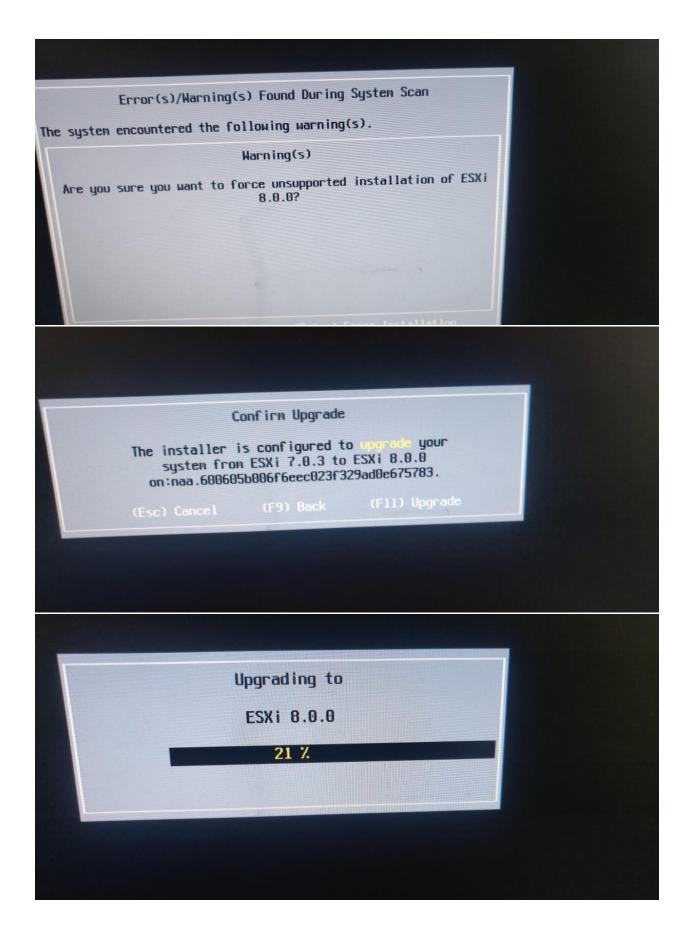
ESXi-8.0.0-20513097-standard Boot Menu

ESXi-8.0.0-20513097-standard Installer Boot from local disk

Welcome to the VMware ESXi 8.0.0 Installation VMware ESXi 8.0.0 installs on most systems but only systems on VMware's Compatibility Guide are support Consult the VMware Compatibility Guide at: http://www.vmware.com/resources/compatibility Select the operation to perform.		
(Esc) Cancel (Enter) Continue		
(a The selected storage device contains an installation of ESXi and a VMFS datastore. Choose from the following med b option(s).	5) Capacity	

You can ignore the warning.





Upgrade Complete

This system has been upgraded to ESXi 8.0.0 successfully.

ESXi 8.0.0 will operate in evaluation mode for 60 days if a valid license is not found on the system. To use ESXi 8.0.0 after the evaluation period, you must register for a VMware product license.

To administer your server, navigate to the server's hostname or IP address from your web browser or use the Direct Control User Interface.

Remove the installation media before rebooting

Reboot the server to start using ESXi 8.0.0.

VMware ESXi 8.0.0 (VMKernel Release Build 20513097)

Cisco Systems Inc UCSC-C220-M3S

2 x Intel(R) Xeon(R) CPU E5-2640 0 0 2.50GHz 256 GiB Memory

ESXi Host Client					root@esxt.ramlan.ca - Help -	Q Search		
Welcome to ESXT.RAMLAN.CA dumiss X								
Host Manage Monitor Virtual Machines 11 132,168.0.76 Monitor WiNDowS11 More VMs.	ESX1.RAMLAN.C	ate/Register VM 01 Shut down 12 Rebo A D.0.0 Kormal (not connected to any vCenter Server) LOI days	ot C Refresh	Actions	CPU USED: 11 GH2 MEMORY USED: 3.4 O 68 STORAGE USED: 844.86 68	FREE 28 9 GHz 45 CAPACITY: 30 GHz FREE: 253 5 GB 15 CAPACITY: 259 6 GB FREE: 166 19 33% CAPACITY: 2 40 TB		
Storage 3	- Hardware			- Configuration				
aa.5000144f49928773	Manufacturer	Cisco Systems Inc		Image profile	(Updated) ESXI-8.0.0-20513097-standard (VMware, Inc.)			
	Model	UCSC-C220-M3S		vSphere HA state	Not configured Supported			
vmhba64		12 CPUs x Intel(R) Xeon(R) CPU E5-2640 0 @ 2.500		vMotion				
CISCODATASTORE CISCODATASTORE CISCODATASTORE CISCODATASTORE More storage CISCODATASTORE More storage d More networks	Memory	ual flash O B used, O B capacity		- System Information				
	Virtual flash			Date/time on host	Wednesday, October 12, 2022, 16:06:03 UTC			
	Networking			Install date	Tuesday, April 26, 2022, 18,21:52 UTC Unknown FCH1744/199			
	Hostname	ESX1.RAMLAN.CA		Asset tag				
	IP addresses	1. vmk0: 192.168.0.75		Serial number				
	DNS servers	1, 192,108,0,2		BIOS version BIOS release date	C220M3 3.0.4b 0.0622180149 Thursday, June 21, 2018, 20:00.00 -0400			
	Default gateway			- Performance summary last hour				
	IPv6 enabled				Consumed host CPU			
	Host adapters				Consumed host memory			
	Networks	Name	VMs					
		- Toronto-Mgmt						
2	Recent tasks							
Sent - ramlan@rogers.com - Outlook						12:03 PM 12:Oct-2022		

Thanks

Ram 12th Oct 2022