# Firmware-upgrade op UCS-server via hostupgrade-hulpprogramma (HUU)

### Inhoud

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### Inleiding

In dit document wordt beschreven hoe u de upgradeversie van de Cisco Unified Computing System (UCS) C Series-server kunt verbeteren.

### Voorwaarden

### Vereisten

Er zijn geen specifieke vereisten van toepassing op dit document.

#### Gebruikte componenten

De informatie in dit document is gebaseerd op UCS C22 M3S server.

De informatie in dit document is gebaseerd op de apparaten in een specifieke laboratoriumomgeving. Alle apparaten die in dit document worden beschreven, hadden een opgeschoonde (standaard)configuratie. Als uw netwerk levend is, zorg er dan voor dat u de mogelijke impact van om het even welke opdracht begrijpt.

## Configureren

Stap 1. Eerst moet u de firmware downloaden van de Cisco-website. Open software.cisco.com/download

Stap 2. Voer hier *UCS* in en selecteer de gewenste versie voor UCS. In dit **geval** is **UCS C22 M3rackserversoftware** geselecteerd.

Select a Product	UCS 3	
Downloads Nome / Collaboration Endopints / ID Bhone	Jabber Software Development Kit	
commonder nome / commonation chapteries / in Privile	UCS B-Series Blade Server Software	
Analytics and Automation Software	UCS C-Series Rack-Mount Standalone Server Software	
Application Networking Services	UCS C-Series Rack-Mount UCS-Managed Server Software	
Cisco Interfaces and Modules	UCS C125 M5 Rack Server Node Software	
Cloud and Systems Management	UCS C200 M1 Rack-Mount Server Software	
Collaboration Endpoints	UCS C200 M2 Rack-Mount Server Software	
Conferencing	UCS C210 M1 Rack-Mount Server Software	
Connected Safety and Security	UCS C210 M2 Rack-Mount Server Software	
Contact Center	UCS C22 M3 Rack Server Software	
Data Center Analytics	UCS C220 M3 Rack Server Software	

Stap 3. Klik op 'Unified Computing System (UCS) Server Firmware, zoals in de afbeelding.



Stap 4. Selecteer nu de gewenste release en download deze vervolgens, zoals in de afbeelding.



Stap 5. Navigeer naar de CIMC-URL, voer de aanmeldingsgegevens in en klik vervolgens op **Aanmelden**, zoals in de afbeelding.



Stap 6. Na inloggen kunt u de CIMC-versie voorafgaand aan de upgrade controleren.



Stap 7. Klik op **KVM console starten** en vervolgens verschijnt een dialoogvenster met **OK**, zoals in de afbeelding.



Stap 8. Om met de installatie te beginnen, zoals in de afbeelding, moet u eerst de server uitzetten.



Stap 9. Schakel de machine uit op de server zoals in de afbeelding.

cisco Integrated Management Controller								
Overall Server Status	0 0 0 0 0 0	00						
Severe Fault	Server Summary							
Server Admin Storage	Actions	Server Properties						
Summary	Power On Server	Product Name:	UCS C22 M3S					
Inventory	Power Off Server	Serial Number:	WZP18460A6W					
Sensors	Shut Down Server	PID:	UCSC-C22-M3S					
Remote Presence	Fower Cycle Server	UUID:	E46F66B8-8342-43FD-A12A-6FC12F258FA4					
BIOS	I Hard Reset Server	BIOS Version:	C22M3.2.0.3.0 (Build Date: 08/01/2014)					
Power Policies	THE I WANT AND CAMPAGE	Description:						
Faults and Logs	Carlon Kow Console	Conver Status						
Troubleshooting	Turn On Locator LED	Server Status						

Stap 10. Het opstart-proces duurt gewoonlijk 30-40 seconden en om toegang te krijgen tot de opstart-modus drukt u op F6 om het selectieknop voor start te openen.



Stap 1. Zodra de server het selectieknop voor start heeft ingevoerd, klikt u op **Cisco vKVM-Mapped vDVD1.2**, zoals in de afbeelding.



Stap 12. Dit vult het nieuwe bestand op. Na een paar minuten opstarten ziet u het scherm zoals in deze afbeelding.



Stap 13. Nadat de server met succes is opgestart, moet u op Ik ga akkoord zoals in de afbeelding.

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Stap 14. Zoals in de afbeelding, klikt u op in **Alles bijwerken**. Klik nu twee keer op **Ja** en klik vervolgens op **Nee**.

won	tory			CISCO C220 RACK SI	IF VIIF		
	Id	Component	PCI slot	Current Version	Update Version	Update Status	
$\odot$	1	Cisco INC	NA	15(4d)	2.0(1b)	NONE	
0	2	BIOS	NA.	C220M3154f0111320130449	C220M3 2 0 1b 0 052620140405	NONE	
0	3	Intel I350 LOM	NA	0x80000AA4-1.445.1	0x80000AA4-1.446.1	NONE	
0	4	LSI 9271CV-8i	2	3240.95-2788	3.400.05-3175	NONE	
	5	Cisco UCS VIC 1225 adapter	1	2.2(lb)-sboot-2.2(lb)	22(1d51)-uboot-22(1d51)	NONE	
C	ontro	e D					
	5	updaze Al Upd	ate HDD F	imware Save Logs Last Up	tate Yerty Bestore CIMC Detaults	Help Exit	
-0	urren	( ACBNRy		No Update in Progres	5		
Exec	ution	Logs					

Stap 15. Het upgradeproces wordt gestart en kan 20-30 minuten duren om te voltooien. Uitloggen vanaf de sessie en vervolgens wanneer u probeert in te loggen, wordt de nieuwe firmware geïnstalleerd.



### Verifiëren

Er is momenteel geen verificatieprocedure beschikbaar voor deze configuratie.

### Problemen oplossen

Als het upgradeproces om bepaalde redenen vastzit of mislukt, verzamelt u ESXI-logbestanden en CIMC-logbestanden. Raadpleeg de onderstaande link die de procedure voor het verzamelen van de logbestanden weergeeft:

- ESXI-documenten https://kb.vmware.com/s/article/653#vSphere5
- CIMC-logs <u>https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/ucs-manager/115023-visg-tsfiles-00.html</u>