# 通過Host Upgrade Utility(HUU)在UCS伺服器上 進行韌體升級

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# 簡介

本檔案介紹如何在思科整合運算系統(UCS)C系列伺服器上升級BIOS版本。

# 必要條件

需求

本文件沒有特定需求。

## 採用元件

本文檔中的資訊基於UCS C22 M3S伺服器。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除(預設))的組態來啟動。如果您的網路運作中,請確保您瞭解任何指令可能造成的影響。

## 設定

步驟1。首先,您需要從思科網站下載韌體。開啟software.cisco.com/download

步驟2.在此處輸入UCS並為UCS選擇適當的版本。在此UCS C22 M3機架式伺服器軟體中選擇。

Select a Product	UCS 3	
Downloads Nome / Collaboration Endopints / ID Phone	Jabber Software Development Kit	
	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	

#### 步驟3.按一下「Unified Computing System(UCS)Server Firmware」,如下圖所示。

# Software Download

Downloads Home / Servers - Unified Computing / UCS C-Series Rack-Mount Standalone Server Software / UCS C22 M3 Rack Server Software

Select a Software Type

Unified Computing System (	(UCS) Adapter Firmware
Unified Computing System (	(UCS) Capabilities Catalog
Unified Computing System (	(UCS) Diagnostics

- Unified Computing System (UCS) Drivers
- Unified Computing System (UCS) Server Configuration Utility
- Unified Computing System (UCS) Server Configuration Utility Device Drivers Package
- Unified Computing System (UCS) Server Firmware
- Unified Computing System (UCS) Utilities

### 步驟4.現在選擇您要的版本,然後下載該版本,如下圖所示。

Downloads Home / Servers - Unified Com	puting / L	JCS C-Series Rack-Mount Standalone Server Software / UCS C22	M3 Rack Server Software / Unified C	Computing System (UCS)	Server Firmware- 2.0(9o)
Q. Search	$\supset$	UCS C22 M3 Rack Server Software			
Expand All Collapse All		Release 2.0(9o)	Related Links and Documentation		
Latest Release	~	A Notifications	Release Notes for 2.0(90)		
2.0(9o)					
3.0(4i)					
1.5(7f)		File Information Cisco UCS Host Upgrade Utility o	Release Date 27-JUL-2018	Size 617.00 MB	
1.4(5g)		ucs-c2x-huu-2.0.9o.iso			Download
All Release	~				

步驟5.導覽至CIMC URL,輸入憑證,然後按一下Login,如下圖所示。



步驟6.登入後,您可以在升級之前檢查CIMC版本。



步驟7.按一下「Launch KVM Console」,然後出現一個對話方塊,按一下「OK」,如下圖所示。



步驟8.若要開始安裝(如圖所示),您必須先關閉伺服器的電源。



步驟9.然後開啟伺服器電源,如下圖所示。

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

步驟10.啟動過程通常需要30-40秒,然後要訪問啟動模式,請按F6開啟啟動選擇選單。



Press <F2> Setup, <F6> Boot Menu, <F7> Diagnostics, <F8> CIMC Config, <F12> Netw ork Boot

Bios Version : C220M3.1.5.4f 0.111320130449 Platform ID : C220M3

CIMC IP Address : x.x.x.x | Loading LSI EFI SAS Driver

Processor(s) Intel(R) Xeon(R) CPU E5-2665 0 @ 2.40GHz Total Memory = 128 GB Effective Memory = 128 GB Memory Operating Speed 1600 Mhz

Entering boot selection menu...

步驟11.伺服器進入引導選擇選單後,按一下Cisco vKVM對映的vDVD1.22,如下圖所示。



步驟12。然後載入新檔案。經過幾分鐘啟動後,您會看到如下圖所示的螢幕。



步驟13.伺服器成功開機後,必須按一下lagree,如下圖所示。

🖆 KVM 🛛 🍯 Virtual Media

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## 步驟14.如圖所示,按一下Update All。現在按一下Yes兩次,然後按一下No。

USCO UZZU NACK SHIVER						
	Id	Component	PCI slot	Current Version	Update Version	Update Status
$\odot$	1	Cisco MC	NA	15(4d)	2.0(1b)	NONE
0	2	BIOS	NA.	C220M3154f0111320130449	C220M3 2.0 1b 0 052620140405	NONE
	3	Intel (350 LOM	NA.	0x80000AA4-1.446.1	0x80000AA4-1.446.1	NONE
	4	LSI 9271CV-8i	2	3.240.95-2788	3.400.05-3175	NONE
0	5	Cisco UCS VIC 1225 adapter	1	2.2(1b)-uboot-2.2(1b)	2.2(1.051)-uboot-2.2(1.051)	NONE
0	ontro L	rs Lupdate All Lupd	ate HDD F	mware Save Logs Last Upd	tate Yerly	Holp Exit
	No Update in Progress					
xeo	tion	Logs				

步驟15.升級過程即將開始,需要20-30分鐘才能完成。現在從會話註銷,然後當您嘗試登入時,將 安裝新的韌體。



# 驗證

目前沒有適用於此組態的驗證程序。

# 疑難排解

如果由於某些原因,升級過程停滯或失敗,請收集ESXI日誌和CIMC日誌。請參閱下面的連結,其 中演示了收集日誌的過程:

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