通过主机升级实用程序(HUU)在UCS服务器上升 级固件

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简介

本文档介绍如何升级思科统一计算系统(UCS)C系列服务器上的BIOS版本。

先决条件

要求

本文档没有任何特定的要求。

使用的组件

本文档中的信息基于UCS C22 M3S服务器。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原 始(默认)配置。如果您的网络处于活动状态,请确保您了解所有命令的潜在影响。

配置

步骤1.首先,您需要从思科网站下载固件。打开software.cisco.com/download

步骤2.在此处输入UCS并为UCS选择适当的版本。在此UCS C22 M3机架式服务器软件中。

Select a Product	UCS 3
Developede Verse / Colleboration Fordepiete / ID Dhone	Jabber Software Development Kit
Downloads Home / Collaboration Endpoints / IP Phone	UCS 8-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

步骤3.点击"统一计算系统(UCS)服务器固件",如图所示。

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

步骤4.现在选择所需的版本,然后下载,如图所示。

Downloads Home / Servers - Unified Computing / UCS C-Series Rack-Mount Standalone Server Software / UCS C22 M3 Rack Server Software / Unified Computing System (UCS) Server Firmware- 2.0(9o)							
Q. Search	UCS C22 M3 Rack Server Software						
Expand All Collapse All		Release 2.0(9o)	Related Links and Docume	entation			
Latest Release	~	A Notifications	Nelease Notes for 2.0(90)				
2.0(9o)							
3.0(4i)							
1.5(71)		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	~						

步骤5.导航至CIMC URL,输入凭证,然后单击Login,如图所示。



步骤6.登录后,您可以在升级之前检查CIMC版本。



步骤7.单击"启**动KVM控制台**",然后出现对话框,单击"确**定"**,如图所示。



步骤8.要开始安装(如图所示),必须先关闭服务器电源。



步骤9.然后,如图所示打开服务器电源。



步骤10.启动过程通常需要30-40秒,然后要进入启动模式,请按F6打开启动选择菜单。



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...

步骤11.服务器输入启动选择菜单后,单击Cisco vKVM-Mapped vDVD1.22,如图所示。



步骤12.然后加载新文件。启动几分钟后,您将看到此映像中所示的屏幕。



步骤13.服务器成功启动后,必须单击"我同意",**如图**所示。

🖆 KVM 🛛 🍯 Virtual Media

End User License Agreement

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步骤14.如图所示,单击"全部更新"。现在单击"Yes(是)"两次,然后单击"No(否)"。

MAGREE I IDISAGREE

Crisco C220 Rack Server									
	Id	Component	PCI slot	Current Version	Update Version	Update Status			
O	1	Cisco MC	NA	1.5(4d)	2.0(1b)	NONE			
0	2	BIOS	NA.	C220M3 1 5 4r 0 111 3201 30 449	C220M3 2.0 1b 0 052620140405	NONE			
	3	Intel 1350 LOM	NA	0x80000AA4-1.445.1	0x80000AA4-1.446.1	NONE			
0	4	LSI 9271CV-8i	2	3.240.95-2788	3.400.05-3175	NONE			
0	5	Cisco UCS VIC 1225 adapter	1	2.2(lb)-sboot-2.2(lb)	2.2(1d51)-uboot-2.2(1d51)	NONE			
0	Controls Update All Update HDD Firmware Save Logs Last Update Yerly Bestore CIMC Detaults Help Egit Current Activity								
	No Update in Progress								

步骤15.现在,升级过程将开始,可能需要20-30分钟才能完成。现在从会话注销,然后当您尝试登 录时,将安装新固件。



验证

当前没有可用于此配置的验证过程。

故障排除

如果由于某些原因升级过程停滞或失败,请收集ESXI日志和CIMC日志。请参阅以下链接,演示收 集日志的过程:

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