

31. GIẢI PHÁP-TESTING - Task #984

Setup UCS trên lab

22-07-2024 15:31 - Minh Pham

Trạng thái:	Closed	Bắt đầu:	28-07-2024
Mức ưu tiên:	Normal	Hết hạn:	18-08-2024
Phân công cho:	Minh Pham	Tiến độ:	0%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:		Thời gian:	0:00 giờ

Mô tả

Mục tiêu :

On cặp Fi, chassis UCS

Update firmware cho blade M200

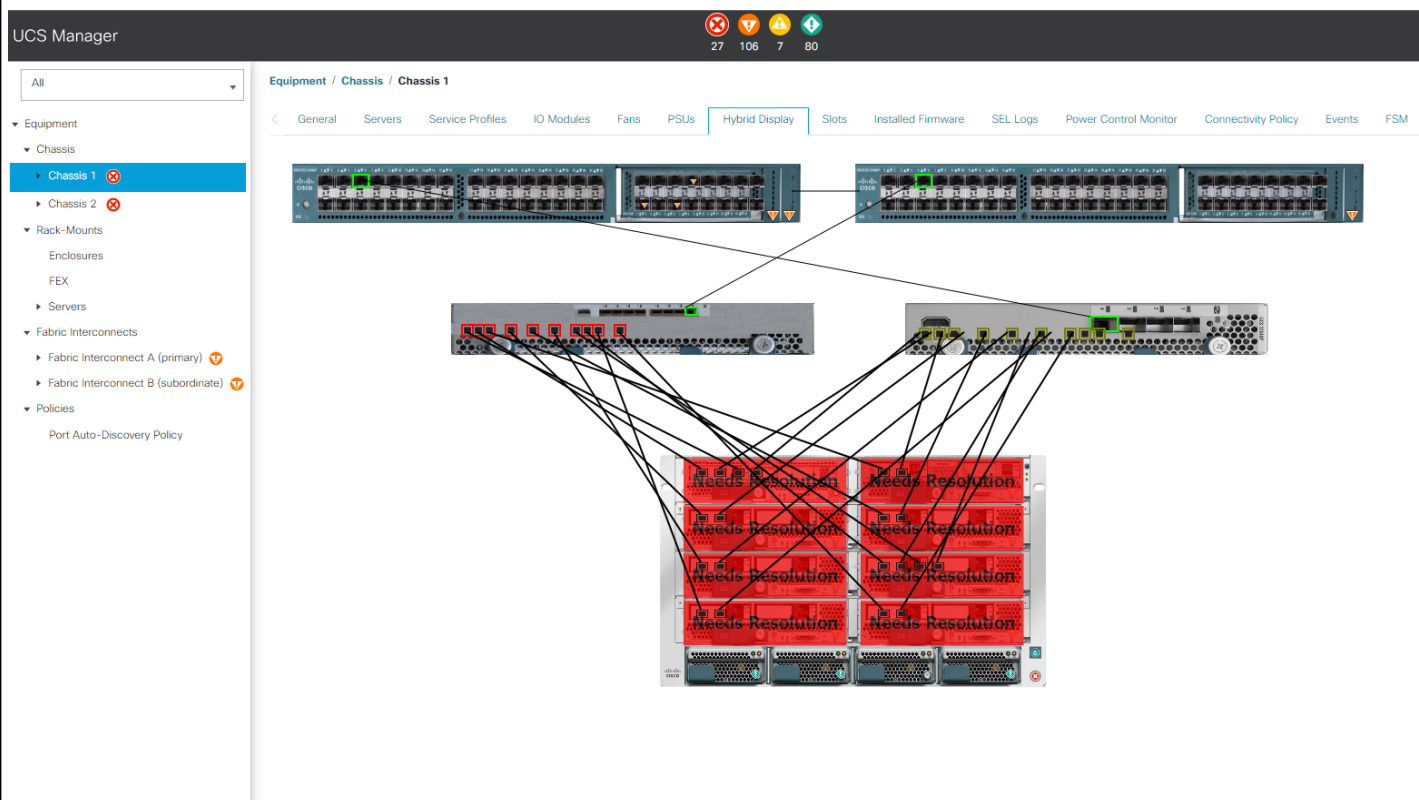
Kết quả thực hiện:

Thông tin đăng nhập :

IP: 192.168.70.24

User/Pass: admin/WGlvT-xhJU86

Đã onl được cặp FI với chassis UCS



Version UCS manager : 4.1(3j)

- All
- Faults, Events and Audit Log
 - Faults
 - Events
 - Audit Logs
 - Syslog
 - Core Files
 - TechSupport Files
 - Settings
- User Management
 - Authentication
 - LDAP
 - RADIUS
 - TACACS+
- User Services
 - Locales
 - Locally Authenticated Users
 - Login Profile
 - Remotely Authenticated Users
 - Roles
- Key Management
 - KeyRing default
- Communication Management
- Stats Management
- Collection Policies
 - Collection Policy Chassis
 - Collection Policy Flex
 - Collection Policy Host
 - Collection Policy Port

All / Faults, Events and Audit Log

- Faults
- Events
- Audit Logs
- Syslog
- Core Files
- TechSupport Files
- Settings

Advanced Filter Export Print

Name	Fabric ID	Description	Timestamp
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No data available

Cisco Unified Computing System Manager

UCS Manager - About

4.1(3)

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Add Delete Download

Fix I3 power chassis

Equipment

Main Topology View

Fabric Interconnects

Servers

Thermal

Decommissioned

Firmware Management

Policies

Faults

Diagnostics

Global Policies

Autoconfig Policies

Server Inheritance Policies

Server Discovery Policies

SEL Policy

Power Groups

Port Auto-Discovery Policy

Security

Chassis/FEX Discovery Policy

Action : 1 Link

Link Grouping Preference : None Port Channel

Warning: Chassis should be re-acked to apply the link aggregation preference change on the fabric interconnect, as this change may cause the IOM to lose connectivity due to fabric port-channel being re-configured.

Multicast Hardware Hash : Disabled Enabled

Rack Server Discovery Policy

Action : Immediate User Acknowledged

Scrub Policy : <not set>

Rack Management Connection Policy

Action : Auto Acknowledged User Acknowledged

Power Policy

Redundancy : Non Redundant N+1 Grid

Power Save Policy

Mode : Disable Enable

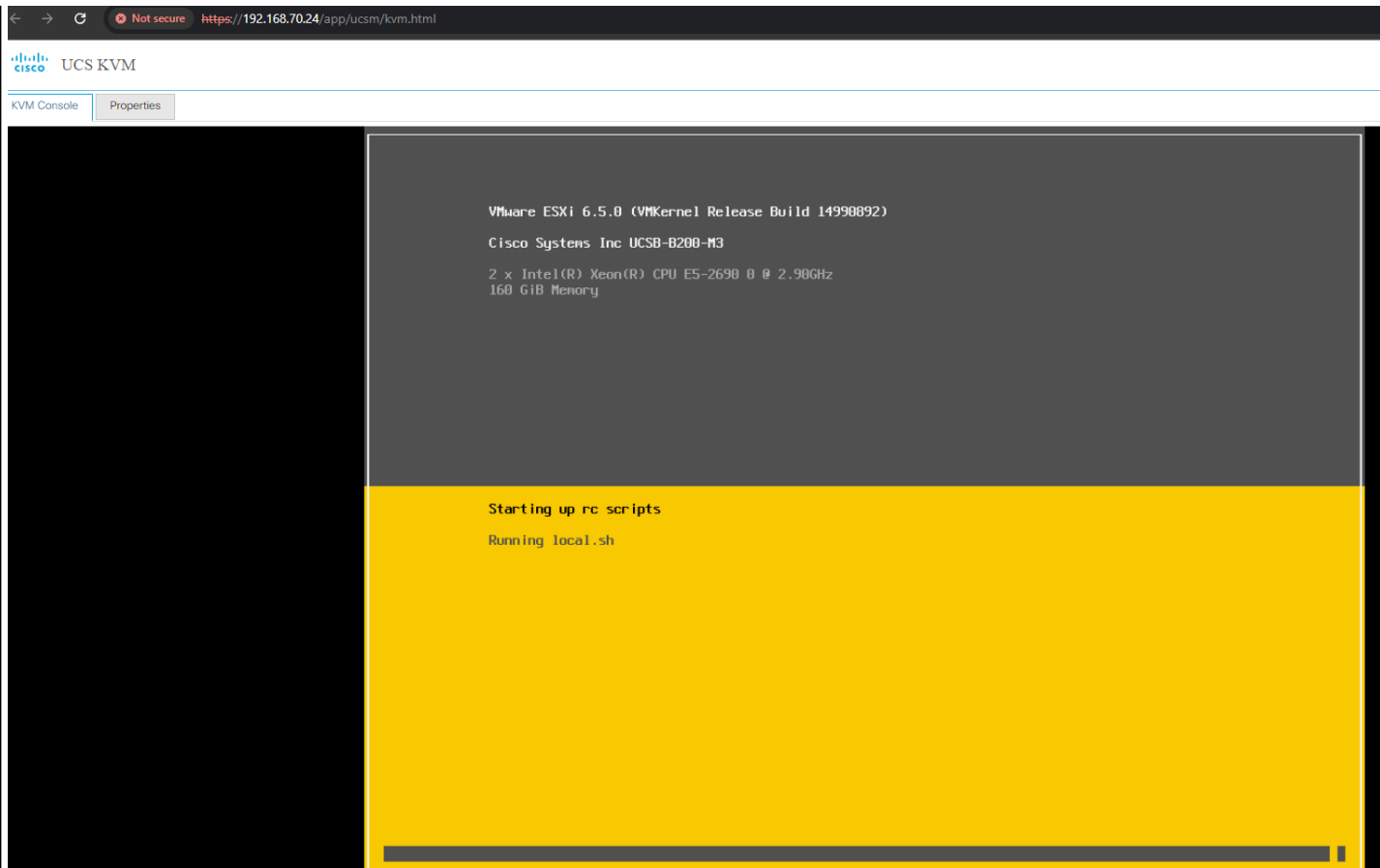
Fan Control Policy

Speed : Balanced Low Power

MAC Address Table Aging

Aging Time : Never Mode Default other

Đã nhận Blade B200 M3



Đang check Blade B200 M4

Properties for: Chassis 1 / Server 7

General | Inventory | Virtual Machines | Installed Firmware | CIMC Sessions | SEL Logs | VIF Paths | Health | Diagnostics | Faults | Events | FS! >

Fault Summary

0 4 0 1

Status

Overall Status : ↑ **OK**

⊖ Status Details

Configuration Error : **not-applicable**

Admin State : ↑ **In Service**

Discovery State : ↑ **Complete**

Avail State : ↓ **Unavailable**

Assoc State : ↑ **Associated**

Power State : ↑ **On**

Slot Status : ↑ **Equipped**

Check Point : **Discovered**

Actions

[Create Service Profile](#)

[Associate Service Profile](#)

[Set Desired Power State](#)

Physical Display

Properties

Slot ID	: 7	Chassis ID	: 1
Product Name	: Cisco UCS B200 M4		
Vendor	: Cisco Systems Inc	PID	: UCSB-B200-M4
Revision	: 0	Serial	: FCH19337KQK
Manufacturing Date	: 2015-08-22		
Asset Tag	:		

Đã nhận Blade B200 M4

UCS KVM

General Inventory Virtual Machines Statistics Power Temperatures Faults Events

Motherboard CIMC CPUs GPUs Memory Adapters HBAs NICs iSCSI vNICs Security Storage Persistent Memory

Actions

Update BIOS Firmware
Activate BIOS Firmware

Motherboard

ID : 0
Vendor : Cisco Systems Inc
Revision : 0
States
Power : On
Motherboard Power Usage Status : OK

PID : UCSB-B200-M4
Serial : FCH19337KQK
CMOS Battery Voltage : OK

BIOS

Vendor : Cisco Systems, Inc.
Running Version : B200M4.4.0.2b.0.0417190202
Package Version :
Backup Version : B200M4.4.0.2a.0.1016181019
Update Status : Ready
Startup Version : B200M4.4.0.2b.0.0417190202
Activate Status : Ready

⊕ BIOS Settings

Board Controller

Vendor : Cisco Systems Inc
PID : UCSB-B200-M4
Firmware
Running Version : 15.0
Package Version : 4.1(3)B
Activate Status : Ready

⊕ TPM

Connected to IP: 192.168.70.156 admin 0.8 Frames/sec 0.002 KB/sec NUM System Time: 2024-08-09T09:58

UCS KVM

KVM Console Server

```

VMware ESXI 6.5.0 (VMKernel Release Build 19997716)
Cisco Systems Inc UCSB-B200-M4
2 x Intel(R) Xeon(R) CPU E5-2620 v3 @ 2.40GHz
143.7 GiB Memory

Starting up rc scripts
Running local.sh
  
```

Connected to IP: 192.168.70.156 admin 0.4 Frames/sec 23.270 KB/sec System Time: 2024-08-09T10:15

Blade B200 M5 đang bị lỗi PWR_SEQ_FAIL:Sensor Failure Asserted; HS_SYS_FLT:Sensor Failure Asserted

Health LED : ● Critical

Oper Qualifier Reason : PWR_SEQ_FAIL:Sensor Failure Asserted;
HS_SYS_FLT:Sensor Failure Asserted;

Locator LED : ●

FP Buttons : 🔒 Locked

Properties for: Chassis 1 / Server 8

General Inventory Virtual Machines **Installed Firmware** CIMC Sessions SEL Logs VIF Paths Health Diagnostics Faults Events FSM >

Advanced Filter Export Print Update Firmware Activate Firmware Capability Catalog

Name	Model	Package Version	Running Version	Startup Version	Backup Version	Update Status	Activate Status
Adapters							
BIOS	Cisco UCS B200 M...		B200M5.4.0.2a.0.1...	B200M5.4.1.3i.0.07...	B200M5.4.1.3i.0.07...	Ready	Activating
Board Controller	Cisco UCS B200 M...	4.1(3)B	16.0	16.0	N/A	N/A	Ready
CIMC Controller	Cisco UCS B200 M...	4.0(2d)B	4.1(28a)	4.1(28a)	4.1(28a)	Ready	Ready
Persistent Memory							
FlexFlash Control...			1.3.2 build 172		N/A	N/A	N/A

Properties for: Chassis 1 / Server 8

General Inventory Virtual Machines **Installed Firmware** CIMC Sessions SEL Logs VIF Paths Health Diagnostics Faults Events **FSM >**

Current FSM Name : **Activate BIOS**
 Completed at : **2024-08-12T00:53:53Z**
 Progress Status :
 Remote Invocation Result : **End Point Protocol Error**
 Remote Invocation Error Code : **1002**
 Remote Invocation Description : **Unable to change server power state-MC Error(-20): Management controller cannot or failed in processing request**

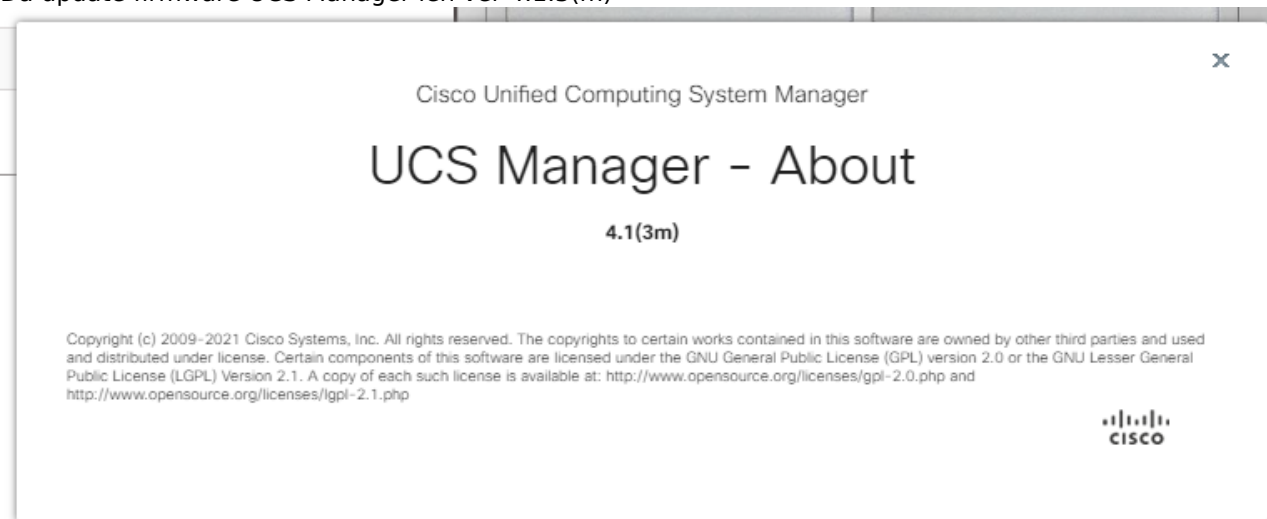
Step Sequence

Order	Name	Description	Status	Timestamp	Retried
5	Activate BIOS Activate	activating BIOS image(FS...	Success	2024-08-12T00:38:04Z	1
6	Activate BIOS Power Depl...	Waiting for power allocatio...	Skip	2024-08-12T00:38:04Z	0
7	Activate BIOS Poll Activate...	waiting for BIOS activate(F...	Success	2024-08-12T00:38:04Z	1
8	Activate BIOS Power On	power on the server(FSM-...	Fail	2024-08-12T00:53:53Z	20
9	Activate BIOS Update Toke...	updating BIOS tokens(FSM...	Success	2024-08-12T00:38:04Z	1

Name : **Activate BIOS Update Tokens**
 Status : **Success**
 Description : **updating BIOS tokens(FSM-STAGE:sam:dme:ComputePhysicalActivateBIOS:UpdateTokens)**
 Order : **9**
 Retried : **1**
 Timestamp : **2024-08-12T00:38:04Z**

OK Apply Cancel Help

Đã update firmware UCS Manager lên ver 4.1.3(m)



Lược sử

#1 - 05-08-2024 09:00 - Minh Pham

- Tập tin clipboard-202408050858-9g3ii.png được thêm
- Tập tin clipboard-202408050858-z2v4x.png được thêm
- Tập tin clipboard-202408050859-5qged.png được thêm
- Tập tin clipboard-202408050900-vcl1c.png được thêm
- Mô tả cập nhật
- Hết hạn gán cho 11-08-2024
- Bắt đầu thay đổi từ 22-07-2024 tới 28-07-2024

#2 - 07-08-2024 08:46 - Minh Pham

- Tập tin clipboard-202408070846-oycjl.png được thêm
- Mô tả cập nhật

#3 - 12-08-2024 08:51 - Minh Pham

- Tập tin clipboard-202408120846-wwail.png được thêm
- Tập tin clipboard-202408120846-efjye.png được thêm
- Tập tin clipboard-202408120849-iwpcf.png được thêm
- Tập tin clipboard-202408120850-jb5xn.png được thêm
- Tập tin clipboard-202408120851-2m5pd.png được thêm
- Mô tả cập nhật

#4 - 12-08-2024 08:52 - Minh Pham

- Tập tin clipboard-202408120852-9uvjw.png được thêm
- Mô tả cập nhật

#5 - 12-08-2024 08:55 - Minh Pham

- Hết hạn thay đổi từ 11-08-2024 tới 18-08-2024

#6 - 12-08-2024 08:56 - Minh Pham

- Mô tả cập nhật

#7 - 23-01-2025 16:28 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

Tập tin

clipboard-202408050858-9g3ii.png	369 KB	05-08-2024	Minh Pham
clipboard-202408050858-z2v4x.png	108 KB	05-08-2024	Minh Pham
clipboard-202408050859-5qged.png	76,8 KB	05-08-2024	Minh Pham
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