

通過DHCP分配思科整合管理控制器(CIMC)IP地址

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簡介

概述了CIMC訪問的恢復步驟，每次執行主機板的RMA都會導致在受影響盒中沒有VGA輸出。如果沒有KVM（鍵盤、影片、滑鼠）訪問，則我們不能連線到CIMC以執行韌體操作活動。

問題

RMA用於UCS C系列主機板更換。
新的RMA主機板韌體較低，因此無法支援新的V4 CPU。
如果沒有KVM訪問，工程師無法訪問CIMC以刷新更高版本 版本BIOS以支援V4 CPU。

這會導致舊CPU和/或更換主機板出現不必要的RMA。

解決方案

如果BIOS不支援已安裝的新V4 CPU，則它將無法通過開機自檢(POST)，並且不會有VGA輸出。如果沒有KVM本地訪問，則不能從KVM將新的主機板CIMC IP設定為快閃記憶體BIOS。
CIMC IP地址的預設設定是DHCP。即使C系列伺服器無法完成開機自檢，也可以訪問CIMC。

The server is shipped with these default settings:

- The NIC mode is Shared LOM EXT.

Shared LOM EXT mode enables the 1-Gb Ethernet ports and the ports on any installed Cisco virtual interface card (VIC) to access Cisco Integrated Management Interface (Cisco IMC). If you want to use the 10/100/1000 dedicated management ports to access Cisco IMC, you can connect to the server and change the NIC mode as described in [Step 1](#) of the following procedure.

- The NIC redundancy is active-active. All Ethernet ports are utilized simultaneously.
- DHCP is enabled .
- IPv4 is enabled.

http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/hw/C220M4/install/C220M4/install.html

DHCP CIMC IP:

1.LOM1DHCP

2.C

GLOBAL | TFTP | **DHCP** | SYSLOG

DHCP Pool definition

IP pool start address:

Size of pool:

Lease (minutes):

Boot File:

DHCP Options

Def. router (Opt 3):

Mask (Opt 1):

DNS Servers (Opt 6):

WINS server (Opt 44):

NTP server (Opt 42):

SIP server (Opt 120):

Domain Name (15):

Additional Option:

DHCP Settings

Ping address before assignation

Persistent leases

Double answer if relay detected

Bind DHCP to this address:

OK Default Help Cancel

1. DHCP
2. DHCPParp

Tftpd64 by Ph. Jounin _ □ X

Current Directory:

Server interfaces:

Tftp Server | Tftp Client | **DHCP server** | Syslog server | Log viewer

allocated at	IP	MAC	renew at
04/03 12:47:12	192.168.1.2	-	04/03 12:47:12
04/03 12:59:07	192.168.1.3	00:2C:C8:08:0B:2B	04/03 12:59:07

請確認WINDOWS防火牆已禁用或無法正常工作