

Manage or View CIMC Configuration Without Reboot of the Host Operating System

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Introduction

This document describes methods to configure and view the Cisco Integrated Management Controller (CIMC) configuration from the host operating system.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Intelligent Platform Management Interface (IPMI)
- Unified Computing System (UCS) CIMC

Components Used

The information in this document is based on these software and hardware versions:

- C220 M4 running 2.0(13e) Firmware Version
- [IPMIutil](#) 3.1.6
- Windows 2012 R2

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Related Products

This document can also be used with these software versions:

- IPMItool
- Linux Operating System (OS)

Background Information

This article can be used when the CIMC Internet Protocol (IP) Address or CIMC password is not known.

Forgot the CIMC IP Address How to Confirm it's Configured?

```
C:\ipmiutil\ipmiutil lan
ipmiutil lan ver 3.16
-- BMC version 2.00, IPMI version 2.0
ipmiutil lan, GetLanEntry for channel 1 ...
Lan Param(0) Set in progress: 00
Lan Param(1) Auth type support: 17 : None MD2 MD5 Pswd
Lan Param(2) Auth type enables: 00 00 00 00 00
Lan Param(3) IP address: 10.201.249.163
Lan Param(4) IP addr src: 01 : Static
Lan Param(5) MAC addr: f4 0f 1b 1e 6f 6a
Lan Param(6) Subnet mask: 255.255.255.224
Lan Param(7) IPv4 header: 40 00 10
Lan Param(10) BMC grat ARP: 02 : Grat-ARP disabled, ARP-resp enabled
Lan Param(11) grat ARP interval: 03 : 1.5 sec
Lan Param(12) Def gateway IP: 10.201.249.161
Lan Param(13) Def gateway MAC: 00 00 00 00 00 00
Lan Param(14) Sec gateway IP: 0.0.0.0
Lan Param(15) Sec gateway MAC: 00 00 00 00 00 00
Lan Param(16) Community string: public
Lan Param(17) Num dest: 04
Lan Param(18) Dest type: 01 00 00 00 00
Lan Param(19) Dest address: 01 00 00 [0.0.0.0] 00 00 00 00 00 00
Lan Param(20) VLAN ID: 01 00
Lan Param(21) VLAN Priority: 00
ipmiutil lan, completed successfully
```

How to Reconfigure the CIMC IP or Gateway Without Rebooting?

To change to DHCP:

```
C:\ipmiutil\ipmiutil\ipmiutil lan set -l -D
```

To change the Static IP entries:

```
IP address: C:\ipmiutil\ipmiutil lan -l -I 192.168.0.55
```

```
Gateway IP Address: C:\ipmiutil\ipmiutil lan -l -G 192.168.0.1
```

Netmask:

```
C:\ipmiutil\ipmiutil lan -l -S 255.255.255.0
```

How to Reset the CIMC Password Without Rebooting?

Step 1. Get a list of all of the users on the CIMC:

```
C:\ipmiutil\ipmiutil user list
ipmiutil user ver 3.16
User 1: chan=1enabledAdminadmin
User 2: chan=1enabledUser testuser1
User 3: chan=1enabledUser testuser2
```

Step 2. In order to reset the password use the User number from the previous output:

```
C:\ipmiutil\ipmiutil user set 1 password UserPassword
ipmiutil user ver 3.16
GET_USERNAME: 62 72 69, STATUS = 0, CCODE=0
SETUSERNAME - 2 62 72 STATUS =0, CCODE=0
SETUSER_ACCESS - inputData 91 2 12, status = 0 ccode=0
ipmiutil user, completed successfully.
```

Related Information

- [IPMIUTIL USER GUIDE VERSION 3.1.6](#)
- [Technical Support & Documentation - Cisco Systems](#)