
NOTE The previous example shows the Main Menu screen accessed through the local serial or remote modem ports. The list of commands displayed might be different and depends on your method of access to the iLO MP.

Configuring the iLO MP LAN Information

LAN information includes the iLO MP network name, IP address information, and configuring DHCP and DNS service information.

To configure the iLO MP LAN IP address:

Step 1. At the iLO MP Main Menu prompt (MP>), enter **CM** to choose command mode.

Step 2. At the command mode prompt (MP:CM>), enter **LC** (for LAN configuration).

The screen displays the default values and asks if you want to modify them. It is good practice to write down the information, because you might need it for future troubleshooting. See “The LC Command Screen” on page 210.

NOTE The default value in the “IP address” field is set at the factory. You must configure the actual iLO MP LAN IP address.

Step 3. The screen displays the current LC data. When prompted to enter a parameter name, **A** to modify All, or **Q** to Quit, enter **A** to choose all parameters.

Step 4. The screen displays the current DHCP status. If DHCP is used to acquire IP address information, enter **E** to enable, **D** to disable, or **Q** unless you are using the local serial port.

Step 5. Enter the **LC** command to disable DHCP.

CAUTION Modifying the DHCP status, IP address, gateway IP address, or subnet mask parameters drops all present LAN and Web connections.

NOTE Changing DHCP status to Enabled or Disabled resets IP address, gateway IP address, and subnet mask parameters to factory default values. If DHCP status was changed to disabled, you can change the values.

If the IP address, gateway IP address, and subnet mask are obtained through DHCP, you cannot change them without first disabling DHCP.

Step 6. The screen displays the current IP address. When prompted to enter a new value or **Q**, enter the new IP address.

Step 7. The screen displays the current host name. When prompted to enter a new value or **Q**, enter the new iLO MP network name.

This is the host name for the iLO MP LAN displayed at the command prompt. It is also used to identify the iLO MP LAN interface in a DNS database. The name can be up to 64 characters in length, and must start with a letter, end with a letter or number, and contain only letters, numbers, or dashes.

NOTE The host name is not case sensitive.

- Step 8.** The screen displays the current subnet mask name. When prompted to enter a new value or **Q**, enter the new subnet mask name.
- Step 9.** The screen displays the current gateway address. When prompted to enter a new value or **Q**, enter the new gateway address.
- Step 10.** The screen displays the current link state information. When prompted to enter a new value or **Q**, press **enter**. The message -> Current Link State has been retained displays.
- Step 11.** The screen displays the current Web console port number. When prompted to enter a new value or **Q**, press **enter**. The message -> Current Web Console Port Number has been retained displays.
- Step 12.** The screen displays the current SSH console port number. When prompted to enter a new value or **Q**, press **enter**. The message -> Current SSH Console Port Number has been retained displays.

NOTE SSH settings will not display if you do not have Integrated Lights-Out Advanced Pack licensing.

- Step 13.** The screen displays a new **LC** listing, including the values entered in the preceding steps. Verify that the desired values have been accepted. When prompted to enter a parameter for revision, **Y** to confirm, or **Q** to Quit, enter **Y** to confirm all parameters.

```
-> Check all LAN parameters to ensure they are correct before commit.  
-> "SP_NAME_STR" will be reset if you confirm the changes.  
MP Host Name: mpserver
```

- Step 14.** Enter **XD -reset** to reset the iLO MP (only necessary if you are connected through a serial port).
- Step 15.** After the iLO MP resets, log in to the iLO MP again. Enter the iLO MP command mode (enter **CM** at the **MP:** prompt).
- Step 16.** At the **MP:CM>** prompt, enter **LS** to confirm the new LAN settings.
- Step 17.** Enter **SA** to enable or disable the Web console and telnet access after the iLO MP has been reset.

NOTE HP recommends disabling access methods that you do not intend to use. For example IPMI over LAN. IPMI over LAN allows access to the iLO MP through the LAN and has no password by default. HP recommends disabling this port if IPMI management console software is not being used in your data center (use the **SA** command). If console management tools are being used, HP recommends using the tools to set a password on the IPMI over LAN port.

The LC Command Screen

The following screen shows **LC** command output:

```
MP:CM> LC -nc  
Current LAN Configuration:  
  MAC Address       : 0x0060b0f54c51  
  DHCP Status      : Enabled  
  IP Address        : 127.1.1.1
```

```

MP Host Name       : maestro
Subnet Mask        : 255.255.248.0
Gateway Address    : 127.1.1.1
Link State         : Auto Negotiate
Web Console Port Number : 2023
SSH Access Port Number : 22
IPMI/LAN Port Number : 626
LAN status: UP and RUNNING
-> Command successful.

```

NOTE The SSH console port number does not display if you do not have Integrated Lights-Out Advanced Pack licensing.

iLO MP Command Reference

There are two menus from which commands are executed: the iLO MP Main Menu and the Command Menu. You access the Command Menu by first using the `CM` command at the `MP>` prompt.

The following tables provide a reference for commands available through the command line interface.

iLO MP Main Menu Commands

Commands are listed in Table C-9.

Table C-9 iLO MP Main Menu Commands and Descriptions

Command	Description
CL	View console log
CM	Enter command mode
CO	Select console mode
CSP	Connect to another service processor
HE	Display help for menu or command
SE	Enter OS session
SL	Show event logs
VFP	Display virtual front panel
X	Exit

Command Menu Commands

Commands are listed in Table C-10.

Table C-10 Command Menu Commands and Descriptions

Command	Description
BP	Reset BMC passwords
CA	Configure async or serial ports
DATE	Display the current date