



RX2800 MP SETUP

Effective:
12/17/18

Revision:
A

rx2800 Management Processor Setup

Log into the Management Processor (MP) serial port on the rx2800. (Make a connection to the MP LAN DB9 serial port, 9600 8 N 1 no flow control.)

Press <Enter>.

Login. Out of the box, there is an Administrator account. Its password is printed on a laminated cardboard label that is tied to the right front of the chassis with a string.

```
MP login: Administrator
MP password: *****

Hewlett Packard Enterprise Integrated Lights-Out 3 for Integrity

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MP Host Name: ilod0bf9c40acd4

iLO Firmware Revision 02.00.03

MP MAIN MENU:

CO: Console
VFP: Virtual Front Panel
CM: Command Menu
CL: Console Log
SL: Show Event Logs
HE: Main Help Menu
X: Exit Connection
```

Get a Command Prompt by entering *cm*.

```
[ilod0bf9c40acd4]</> hpiLO-> cm

(Use Ctrl-B to return to MP main menu.)

[ilod0bf9c40acd4] CM:hpiLO->
```

View MP Help

```
[ilod0bf9c40acd4] CM:hpiLO-> help

HE

==== MP Help: Main Menu =====
Hardware Revision S4  iLO Firmware Revision 02.00.03 Feb 20 2017 13:59:04

Integrated Lights-Out for HPE Integrity - Management Processor (MP)

                MP Help System

Use Ctrl-B to exit MP command interface and return to the main MP menu.

Enter a command at the help prompt:
  Overview  : Launch the help overview
  List      : Show the list of MP Command Menu commands
  <COMMAND> : Enter the command name for help on individual command
  TOPics    : Show all MP Help topics and commands
  HElp      : Display this screen
  [Q]       : Quit help
====
HE:hpiLO->q

[ilod0bf9c40acd4] CM:hpiLO->
```

List of Available Help Commands

```
[ilod0bf9c40acd4] CM:hpiLO-> he li

HE li

==== MP Help: Command Menu List =====

CA  : Configure asynch/serial ports      PM  : Power Management
DATE: Display Date                       PR  : Power Restore Configuration
DC  : Default Configuration              PS  : Power management module Status
DI  : DIscconnect users                  RS  : Reset System through RST signal
DF  : Display FRU Information             SA  : Set MP Access
DNS : Configure DHCP and DNS             SO  : Security Options
FW  : Upgrade MP firmware                 SS  : System processors Status
HE  : Display Help                       SYSREV: Display System firmware Revs.
ID  : System Information                  SYSSET: System Settings
IT  : Modify MP inactivity timeouts       TC  : Reset system via INIT
LC  : Configure LAN, SSH and Web ports    TE  : TEl- send a msg. to other users
LDAP: Configure Directory parameters      UC  : User Configuration
LM  : License Management                  WHO  : Display connected MP users
LOC : Locator UID LEDs display           WOL  : Wake-On-LAN
LS  : LAN Status                          WSMAN : WSMAN notification settings
OEMSYSSET: OEM System Settings           XD  : Diagnostics and reset of MP
PC  : Remote Power Control
```

Change the Administrator Password

Get help on using the User Configuration command by entering UC.

```
[ilod0bf9c40acd4] CM:hpiLO-> he uc
HE uc
==== MP Help: General Configuration =====
    UC : User configuration (users, passwords, etc.)
...
MORE Help (Q to Exit, or <CR> for more):

==== MP Help: General Configuration =====
    UC Help (continued)

Command line usage:
    UC [ [ -new <login> -user <text> [ -workgroup <text> ]
        [ -rights <e|d> <console|mp|power|user|virtual|all|none> ]
        [ -mode <single|multiple> ] [ -enable <e|d> ]
        [ -password <value> ] ]
        | [ -change <login> [ -login <newlogin> ] [ -user <text> ]
        [ -rights <e|d> <console|mp|power|user|virtual|all|none> ]
        [ -workgroup <text> ] [ -mode <single|multiple> ]
        [ -enable <e|d> ] [ -password [ <value> ] ] ]
        | [ -delete <login> ] | [ -list <login> ] ] [ -nc ]
```

SEE ALSO: CA, SO, LDAP (Configure Asynchronous, Security Options, LDAP Configuration).

Change Administrator Password

```
[ilod0bf9c40acd4] CM:hpiLO-> uc -change Administrator -password misernet
UC -change Administrator -password mypass

New User Parameters (* modified values):
  User Login ID       : Administrator
  * User Password     : *****
  User Name           : Default Admin
  User Workgroup      :
  User Access Rights  : Remote Console access, Virtual Power and Reset,
                       Configure MP Settings, Administer User Accounts,
                       Virtual Media
  User Operating Mode : Multiple
  User Enabled/Disabled : Enabled
  Confirm? (Y/[N]): y
y
User may be disconnected in this process
```

RX2800 MP SETUP

```
*****
This is a private system.
Do not attempt to login unless you are an authorized user.
Any authorized or unauthorized access or use may be monitored and can
result in criminal or civil prosecution under applicable law.
*****
```

MP login: Administrator

MP password: *****

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(Go back to Command Prompt.)

[ilod0bf9c40acd4] hpiLO-> cm

[ilod0bf9c40acd4] CM:hpiLO->

Add a User Admin with the Same Password

Return to the MP Main Menu (enter <Ctrl-b>, exit the session with <x>, then log back in as Admin).

```
[ilod0bf9c40acd4] CM:hpiLO->
```

```
MP MAIN MENU:
```

```
CO: Console
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HE: Main Help Menu
X: Exit Connection
```

```
[ilod0bf9c40acd4]</> hpiLO-> x
```

```
*****
This is a private system.
Do not attempt to login unless you are an authorized user.
Any authorized or unauthorized access or use may be monitored and can
result in criminal or civil prosecution under applicable law.
*****
```

```
MP login: Admin
```

```
MP password: *****
```

```
Hewlett Packard Enterprise Integrated Lights-Out 3 for Integrity
```

```
(C) Copyright 1999-2017 Hewlett Packard Enterprise Development, LP
```

```
MP Host Name: ilod0bf9c40acd4
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iLO Firmware Revision 02.00.03
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MP MAIN MENU:
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```

```
(Go back to Command Prompt.)
```

```
[ilod0bf9c40acd4]</> hpiLO-> cm
```

Get Help on LAN Configuration

```
[ilod0bf9c40acd4] CM:hpiLO-> he lc

HE lc
==== MP Help: Port Configuration =====

  LC  : LAN Configuration usage (IP Address, etc.)

...

Command line usage:
  LC [ -ip <ipaddr> ] [ -subnet <subnet> ] [ -gateway <ipaddr> ]
    [ -link <auto|x(10BT)|c(100BT)> ] [ -option <full|half> ]
    [ -host <text> ] [ -rsc <n> ] [ -ssh <n> ] [ -dhcp <e|d> ] [ -nc ]

SEE ALSO:  DNS, LS, SA  (DNS Configuration, LAN Status, Set Access)

[ilod0bf9c40acd4] CM:hpiLO->

(Set up LAN.)

[ilod0bf9c40acd4] CM:hpiLO-> lc -ip 192.0.200.227 -subnet 255.255.255.0 -gateway
192.0.200.254 -host pdqvca -dhcp d

LC -IP 192.0.200.227 -SUBNET 255.255.255.0 -GATEWAY 192.0.200.254 -HOST PDQVCA -
DHCP D

Next LAN Configuration (* modified values):
  MAC Address           : 0xd0bf9c40acd4
* DHCP Status          : Disabled
* IP Address           : 192.0.200.227
* MP Host Name         : pdqvca
* Subnet Mask          : 255.255.255.0
* Gateway Address      : 192.0.200.254
  Link State           : Auto Negotiate
  Duplex Option         : n/a
  Remote Serial Console Port : 2023
  SSH Access Port       : 22

Confirm? (Y/[N]): y
y

-> Reset MP (XD command option 'R') for configuration to take effect.

-> Next LAN Configuration has been updated.

-> Command successful.
[ilod0bf9c40acd4] CM:hpiLO->
```

RX2800 MP SETUP

(Be sure to reset MP as advised above, or LAN settings will not survive power down!!)

[ilod0bf9c40acd4] CM:hpiLO-> xd -r

XD -r

-> MP reset requested

Confirm? (Y/[N]): y

y

MP is now being reset...

-> Command successful.

[ilod0bf9c40acd4] CM:hpiLO->

HP Management Processor

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```
*****
This is a private system.
Do not attempt to login unless you are an authorized user.
Any authorized or unauthorized access or use may be monitored and can
result in criminal or civil prosecution under applicable law.
*****
```

MP login:

(Disconnect serial port, connect LAN port and log back in on the LAN.)

(From any workstation running VMS 8.4-2 or newer as of 2018...)

RX2800 MP SETUP

```
CPCVSB$ ssh "Admin@192.0.200.227"
```

```
...
```

```
Admin's password:
```

```
Authentication successful.
```

```
Hewlett Packard Enterprise Integrated Lights-Out 3 for Integrity
```

```
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```

```
MP Host Name: pdqvca
```

```
iLO Firmware Revision 02.00.03
```

```
MP MAIN MENU:
```

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CL: Console Log
```

```
SL: Show Event Logs
```

```
HE: Main Help Menu
```

```
X: Exit Connection
```

```
(Go to Command Prompt.)
```

```
[pdqvca] hpiLO-> cm
```

```
(Use Ctrl-B to return to MP main menu.)
```

```
[pdqvca] CM:hpiLO->
```

```
(Set the Power Restore Policy to make the rx2800 turn itself on whenever mains power comes on.)
```

```
[pdqvca] CM:hpiLO-> pr
```

```
PR
```

```
Current Power Restore Configuration:
```

```
P - Power Restore Policy      : Restore Previous Power State
```

```
D - Power On Delay in Seconds  : 0
```

```
Enter parameter(s) to change, A to modify All, or [Q] to Quit: p
```

```
p
```

```
For each parameter, enter:
```

```
New value, or
```

```
<CR> to retain the current value, or
```

```
DEFAULT to set the default value, or
```

```
Q to Quit
```


RX2800 MP SETUP

```
Power Restore Policy Configuration:
      ON - Automatically Power On
      OFF - Remain Powered Off (default)
Current -> P - Restore Previous Power State
Enter new value, or [Q] to Quit: on
on

-> Power Restore Policy will be updated.

New Power Restore Configuration (* modified values):
* P - Power Restore Policy      : Automatically Power On
  D - Power On Delay in Seconds : 0

Enter Parameter(s) to revise, Y to confirm, or [Q] to Quit: y
y

-> Power Restore Configuration has been updated

[pdqvca] CM:hpiLO->
```

Exit the Management Processor

The MP Setup is complete. Press <Ctrl-b> to return to the MP Main Menu, then <x> to terminate the connection.

```
[pdqvca] CM:hpiLO->

MP MAIN MENU:

      CO: Console
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      X: Exit Connection

[pdqvca] hpiLO-> x
Disconnected; by application ( Client Disconnect).

Connection to 192.0.200.227 closed.

PDQVS1$
```