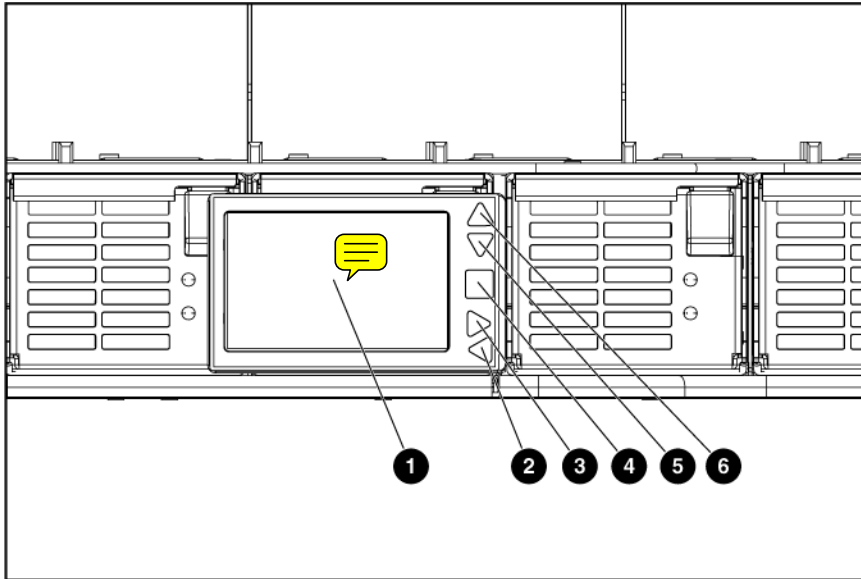
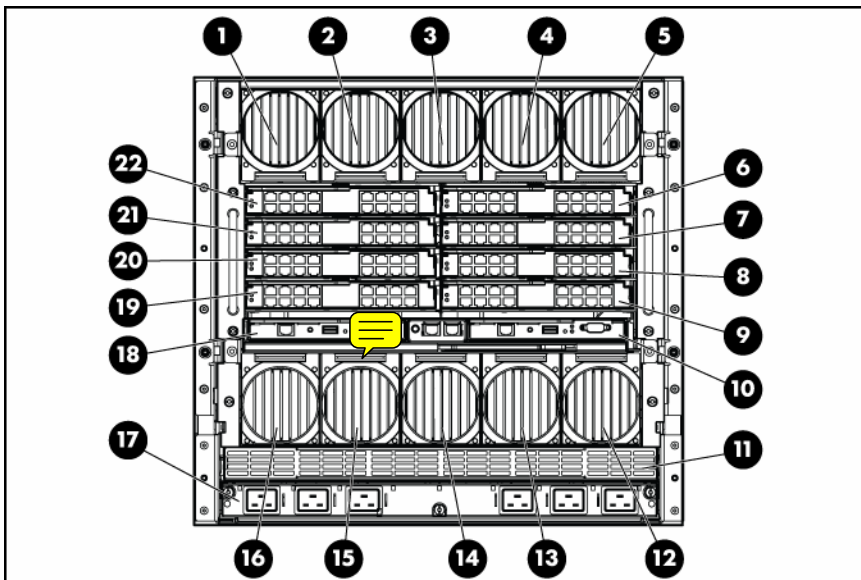


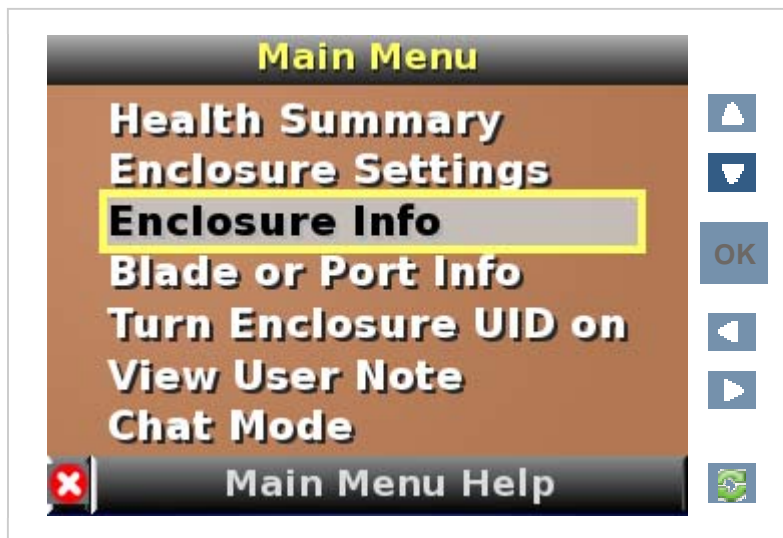
## HP BladeSystem Insight Display components



Item	Description	Function
1	Insight Display screen	Displays Main Menu error messages and instructions
2	Left arrow button	Moves the menu or navigation bar selection left one position
3	Right arrow button	Moves the menu or navigation bar selection right one position
4	OK button	Accepts the highlighted selection and navigates to the selected menu
5	Down arrow button	Moves the menu selection down one position
6	Up arrow button	Moves the menu selection up one position

## Enclosure rear components





Security    User Note    Background    Chat Mode

Enable the button lock to completely disable button functionality. Enable PIN protection to prevent configuration changes unless a PIN code is entered.

Lock Buttons

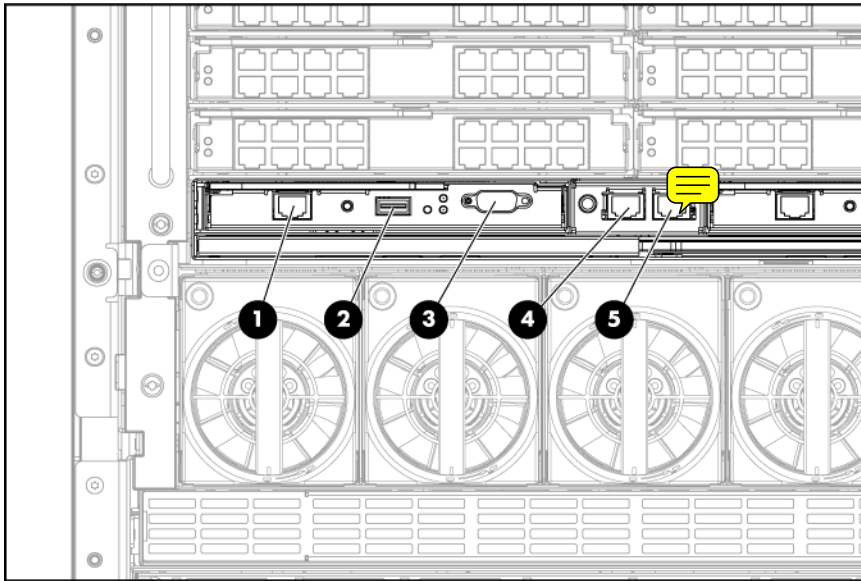
Enable PIN Protection

PIN Code:

PIN Code Confirm:



# Onboard Administrator cabling



Item	Connector	Description
1	OA/iLO	Onboard Administrator Ethernet connection. Use a CAT5 patch cable to connect to the management network. This is the connector for the IP address of the Onboard Administrator and for the iLO ports on each server blade.
2	USB	For future USB connections. Not currently supported.
3	Serial connector	Used for command line interface (CLI). Connects to a laptop or computer with a null-modem serial cable (RS232).
4	Enclosure link-down port	Connects to the enclosure link-up port on the enclosure below with a CAT5 patch cable.
5	Enclosure link-up port and service port	Connects to the enclosure link-down port on the enclosure above with a CAT5 patch cable. On a stand-alone enclosure or the top enclosure in a series of linked enclosures, the top enclosure link-up port functions as a service port.

### Enclosure Info

**BladeSystem c7000 Enclosure**

**OA Active IP: 137.34.100.150**

**OA Service IP: 169.254.1.49**

**Health Status: Failed**

**Ambient Temp: 33C / 91F**

**Present Power: 450 Watts**

**Encl Name: PDC\_EQT\_AB33N-1**

**Rack Name: AB33N-1**

**Main** | Version | Reboot

Security    User Note    Background    Chat Mode

Enable the button lock to completely disable button functionality. Enable PIN protection to prevent configuration changes unless a PIN code is entered.

- Lock Buttons
- Enable PIN Protection

PIN Code:

PIN Code Confirm:

Clear    Apply








## There is a problem with this website's security certificate.

---

The security certificate presented by this website was not issued by a trusted certificate authority.  
The security certificate presented by this website was issued for a different website's address.

Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server.



**We recommend that you close this webpage and do not continue to this website.**


-  [Click here to close this webpage.](#)
-  [Continue to this website \(not recommended\).](#)
-  [More information](#)




# HP Onboard Administrator



	All Enclosures	Status	Connection	Firmware	OA Name
<input checked="" type="checkbox"/>	 <b>1Z34AB7890</b>	 Degraded	Primary	2.20	<a href="#">OA-001F296DB12F</a>

User Name:  

Password:  

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## First Time Setup Wizard



Set up initial enclosure and server settings

- Welcome
- Enclosure Selection
- Configuration Management 
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Welcome

This wizard will assist you in setting up your enclosures. It is run automatically the first time the Onboard Administrator is started.

Steps may be skipped when accompanied by a **Skip** button. The settings for each step will be applied when the **Next** button is clicked.

Do not automatically show this wizard again.

[Next >](#) [Cancel](#)

Welcome

[Enclosure Selection](#)

[Configuration Management](#)

[Rack and Enclosure Settings](#)

[Administrator Account Setup](#)

[Local User Accounts](#)

[Enclosure Bay IP Addressing](#)

[Directory Groups](#)

[Directory Settings](#)

[Onboard Administrator Network Settings](#)

[SNMP Settings](#)

[Power Management](#)

[Finish](#)

## Welcome

This wizard will assist you in setting up your enclosures. It is run automatically the first time the Onboard Administrator is started.

Steps may be skipped when accompanied by a **Skip** button. The settings for each step will be applied when the **Next** button is clicked.

Do not automatically show this wizard again.

[Next >](#)

[Cancel](#)

**Step 3 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Rack and Enclosure Settings

You may use the following form to provide a common name and common time settings for your rack. You may also provide unique names and asset tags for each of the enclosures you selected.

Please note: the date and time settings cannot be applied here if NTP is enabled. Any enclosures that have NTP enabled require that their date and time settings be configured independently of the wizard.

Rack Name:

Date and Time Settings: *These date and time settings will be applied to all of the selected enclosures on the link.*

Set time manually

Date:\*

Time:\*

Time Zone:\*

Set time using an NTP server

Primary NTP Server:\*  (ex. 61.206.115.3)

Secondary NTP Server:

Poll Interval:\*  seconds

Time Zone:\*

#### Enclosure: 1Z34AB7890

Enclosure Name:

Asset Tag:

[< Previous](#) [Next >](#) [Skip](#) [Cancel](#)

**Step 3 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Rack and Enclosure Settings

You may use the following form to provide a common name and common time settings for your rack. You may also provide unique names and asset tags for each of the enclosures you selected.

Please note: the date and time settings cannot be applied here if NTP is enabled. Any enclosures that have NTP enabled require that their date and time settings be configured independently of the wizard.

Rack Name:

Date and Time Settings: *These date and time settings will be applied to all of the selected enclosures on the link.*

Set time manually

Date:\*

Time:\*

Time Zone:\*

Set time using an NTP server

Primary NTP Server:\*  (ex. )

Secondary NTP Server:

Poll Interval:\*  seconds

Time Zone:\*

**Enclosure: 1Z34AB7890**

Enclosure Name:

Asset Tag:

- < Previous
- Next >
- Skip
- Cancel

**Step 4 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Administrator Account Setup

The Administrator account is the master administrator account for the enclosure. This account has all possible privileges for all devices in the enclosure. These account settings will be applied to the built-in Administrator account for each enclosure you have selected.

Note: If this is your first time logging in, there is a physical tag attached to the Onboard Administrator module which contains the factory-set password.

Username: Administrator

Password:

Password Confirm:

Full Name:

Contact:

---

Enabling PIN protection will require a PIN code to be entered before using the enclosure's Insight Display. The PIN is alpha-numeric and must have a length from one to six characters.

Enable Insight Display PIN protection

PIN Code:

PIN Code Confirm:

---

[< Previous](#) [Next >](#) [Skip](#) [Cancel](#)

**Step 5 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Local User Accounts

Local user accounts (up to 30) may be established for individual devices (server blades, network modules, and storage modules). Users can be granted or denied access to specific device bays in the enclosure.

The list below displays the currently configured users in the enclosure you are signed in to. You may add, edit, and delete users from this screen. Click **Next** to continue when you are finished configuring users.

#### PDC\_EQT\_DA16\_01 Users

	Username	Privilege Level	Full Name	Contact	Account Status
<input type="checkbox"/>	Administrator	ADMINISTRATOR	System Administrator		Enabled

[New](#) [Edit](#) [Delete](#)

[< Previous](#) [Next >](#) [Skip](#) [Cancel](#)

Step 5.1 of 12

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- User Settings
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### User Settings

Use this form to set up your new user's information and permissions. When you are finished, click **Add User**.

#### User Information

Username:

Password:

Password Confirm:

Full Name:

Contact:

Privilege Level: Administrator

User Enabled: *Uncheck to disable this user account.*

User Permissions: *Click on individual bays or click All Bays to select all.*

Onboard Administrator Bays

---

**Device Bay Access**

All Device Bays

1	2	3	4	5	6	7	8	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A
B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B

**Interconnect Bay Access**

All Interconnect Bays

1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8

1	2	3	4	5	6	7	8	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9	10	11	12	13	14	15	16	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A
B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B
9	10	11	12	13	14	15	16	





Step 5.1 of 12

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- User Settings
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### User Settings

Use this form to set up your new user's information and permissions. When you are finished, click **Add User**.

#### User Information

Username:

Password:

Password Confirm:

Full Name:

Contact:

Privilege Level: Administrator

User Enabled: *Uncheck to disable this user account.*

User Permissions: *Click on individual bays or click All Bays to select all.*

Onboard Administrator Bays

---

**Device Bay Access**

All Device Bays

1	2	3	4	5	6	7	8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A
B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B

**Interconnect Bay Access**

All Interconnect Bays

1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8

1	2	3	4	5	6	7	8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A
B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B

9	10	11	12	13	14	15	16
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A
B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B

< Previous
Add User
Skip



**Step 5 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

**Local User Accounts**

Local user accounts (up to 30) may be established for individual devices (server blades, network modules, and storage modules). Users can be granted or denied access to specific device bays in the enclosure.

The list below displays the currently configured users in the enclosure you are signed in to. You may add, edit, and delete users from this screen. Click **Next** to continue when you are finished configuring users.

**PDC\_EQT\_DA16\_01 Users**

	Username	Privilege Level	Full Name	Contact	Account Status
<input type="checkbox"/>	Administrator	ADMINISTRATOR	System Administrator		Enabled
<input type="checkbox"/>	prov	ADMINISTRATOR			Enabled
<input type="checkbox"/>	sun1	ADMINISTRATOR			Enabled

---

**Step 9 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Onboard Administrator Network Settings

The following network settings apply to the Onboard Administrators in each of the enclosures you selected.

Use either a DHCP service to assign IP settings to your Onboard Administrators, or manually assign static IP settings. The Onboard Administrator's DNS name can be assigned under either setting.

**Note:** Changing the network settings on the Onboard Administrator that you have signed in to will disconnect you from that Onboard Administrator. Once the settings are applied you will have to sign in to the Onboard Administrator again using the new settings.

Changing the Onboard Administrator's DNS Name could cause a hostname mismatch on the SSL certificate. You may have to update the certificate information on any Onboard Administrator whose DNS Name is changed.

#### Active Onboard Administrator Network Settings

Use DHCP for all Active Onboard Administrators

Enable Dynamic DNS

---

Use static IP settings for each Active Onboard Administrator

**Enclosure: PDC\_EQT\_DA16\_01**

DNS Host Name:\*

IP Address:\*

Subnet Mask:\*

Gateway:

DNS Server 1:

DNS Server 2:

#### Standby Onboard Administrator Network Settings

Use DHCP for all Standby Onboard Administrators

Enable Dynamic DNS

---

Use static IP settings for each Standby Onboard Administrator

**Enclosure: PDC\_EQT\_DA16\_01**

DNS Host Name:\*

IP Address:\*

Subnet Mask:\*

Gateway:

DNS Server 1:

DNS Server 2:



**Step 9 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings
- Power Management
- Finish

### Onboard Administrator Network Settings

The following network settings apply to the Onboard Administrators in each of the enclosures you selected.

Use either a DHCP service to assign IP settings to your Onboard Administrators, or manually assign static IP settings. The Onboard Administrator's DNS name can be assigned under either setting.

**Note:** Changing the network settings on the Onboard Administrator that you have signed in to will disconnect you from that Onboard Administrator. Once the settings are applied you will have to sign in to the Onboard Administrator again using the new settings.

Changing the Onboard Administrator's DNS Name could cause a hostname mismatch on the SSL certificate. You may have to update the certificate information on any Onboard Administrator whose DNS Name is changed.

#### Active Onboard Administrator Network Settings

Use DHCP for all Active Onboard Administrators  
 Enable Dynamic DNS

---

Use static IP settings for each Active Onboard Administrator

**Enclosure: PDC\_EQT\_DA16\_01**

DNS Host Name:\*

IP Address:\*

Subnet Mask:\*

Gateway:

DNS Server 1:

DNS Server 2:

#### Standby Onboard Administrator Network Settings

Use DHCP for all Standby Onboard Administrators  
 Enable Dynamic DNS

---

Use static IP settings for each Standby Onboard Administrator

**Enclosure: PDC\_EQT\_DA16\_01**

DNS Host Name:\*

IP Address:\*

Subnet Mask:\*

Gateway:

DNS Server 1:

DNS Server 2:



**Step 10 of 12**

- Welcome
- Enclosure Selection
- Configuration Management
- Rack and Enclosure Settings
- Administrator Account Setup
- Local User Accounts
- Enclosure Bay IP Addressing
- Directory Groups
- Directory Settings
- Onboard Administrator Network Settings
- SNMP Settings**
- Power Management
- Finish

### SNMP Settings

This function forwards alerts from the enclosure (power supplies, fans, the Onboard Administrator, enclosure thermals, etc.) to the specified alert destinations.

Note: Individual server blades must be configured separately using iLO and Server Agents. Alert destinations will be added to and removed from all selected linked enclosures.

**Enclosure: 1Z34AB7890**

SNMP Alert Destinations

Enable SNMP

System Location:

System Contact:

Read Community:

Write Community:

IP Address:

Community String:



**Step 12 of 12**[Welcome](#)[Enclosure Selection](#)[Configuration Management](#)[Rack and Enclosure Settings](#)[Administrator Account Setup](#)[Local User Accounts](#)[Enclosure Bay IP Addressing](#)[Directory Groups](#)[Directory Settings](#)[Onboard Administrator Network Settings](#)[SNMP Settings](#)[Power Management](#)[Finish](#)**Finish**

Congratulations! You have successfully set up your enclosures. Click **Finish** to exit the wizard.

[Click here](#) to download a setup script for the process you just completed.

Do not automatically show this wizard again.

[< Previous](#)[Finish](#)

Rack Topology    Rack Power and Thermal

Enclosure: PDC\_EQT\_DA16\_01

<b>Front View</b>						<b>Rear View</b>					Enclosure Name: <a href="#">PDC_EQT_DA16_01</a>	
											Serial Number: USE826CF2L	<a href="#">Insight Display</a>
										Part Number: 403320-B21		
										Asset Tag: 2012168		
										UID State: <input type="radio"/> Off		

[Refresh Topology](#)



[Rack Overview](#)  
[Rack Firmware](#)

---

**Primary: PDC\_EQT\_DA16\_01**

[Enclosure Information](#)

[Enclosure Settings](#)

[Active Onboard Administrator](#)

[TCP/IP Settings](#)

[Certificate Administration](#)

[Firmware Update](#) 

[System Log](#)

[Standby Onboard Administrator](#)

[Device Bays](#)

[Interconnect Bays](#)

[Power and Thermal](#)



[Users/Authentication](#)

[Insight Display](#)

### Firmware Update

Please note: After the firmware update is complete you must clear your browser's cache in order for the application to work properly.

#### Firmware Information

Bay	Role	Firmware Status	Firmware Version	Hardware Version
OA Bay 1	Active	 OK	2.20	B1
OA Bay 2	Standby	 OK	2.20	B1

Force downgrade: *This option must be used if the flash process cannot preserve the settings during the downgrade. Selecting this option will force a downgrade of the firmware and settings will be lost.*

Local File: *Update the Onboard Administrator's firmware by uploading a local file. Please Note: Navigating away from this page before the upload has completed will prevent the update from starting.*

File:



Image URL: *Update the Onboard Administrator's firmware from a URL accessible image.*

URL:



Flashing the Standby Onboard Administrator ...



96% complete



Once the flash process has completed successfully, the Onboard Administrator will be reset. Sign-in will be disabled until the reset has completed.




The firmware update has completed, and the Active Onboard Administrator is being reset.  
The application will be reloaded in 76 seconds.



# HP Onboard Administrator



	All Enclosures	Status	Connection	Firmware	OA Name
<input checked="" type="checkbox"/>	 <b>1Z34AB7890</b>	 OK	Primary	2.25	<a href="#">PDC_EQT_DA16_01</a>

User Name:



Password:

[Sign In](#)

[Clear](#)

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Status

Information

Virtual Buttons

Virtual Power:

The interconnect device in this bay is currently On

Power Off

Reset

UID Light









 Off

Toggle On/Off



## Interconnect List

Virtual Power    UID State

<input type="checkbox"/>	Bay	Status	UID	Power State	Module Type	Management URL	Product Name
<input type="checkbox"/>	1	 OK	 Off	Off	Ethernet		Cisco Catalyst Blade Switch 3020 for HP
<input type="checkbox"/>	2	 OK	 Off	Off	Ethernet		Cisco Catalyst Blade Switch 3020 for HP
<input type="checkbox"/>	3	 OK	 Off	Off	Ethernet		Cisco Catalyst Blade Switch 3120X for HP
<input type="checkbox"/>	4	 OK	 Off	Off	Ethernet		Cisco Catalyst Blade Switch 3120X for HP

[Refresh](#)