



## Accessing the Appliance

This chapter contains the following sections:

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## Web-based Graphical User Interface (GUI)

You can administer the appliance using both the web-based Graphical User Interface (GUI) and Command Line Interface (CLI). The GUI contains most of the functionality you need to configure and monitor the system. However, not all CLI commands are available in the GUI; some features are *only* available through the CLI.

- [Browser Requirements](#), on page 1
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## Browser Requirements

To access the web-based UI, your browser must support and be enabled to accept JavaScript and cookies, and it must be able to render HTML pages containing Cascading Style Sheets (CSS).

Browser	Operating System
Internet Explorer 11.0	Microsoft Windows 7 and 10
Safari 7.0 and later	Mac OS X
Firefox 39.0 and later	Microsoft Windows 7 and 10, Mac OS X
Chrome 44.0 and later	Microsoft Windows 7 and 10, Mac OS X

Do not use multiple browser windows or tabs simultaneously to make changes to the appliance . Do not use concurrent GUI and CLI sessions. Doing so will cause unexpected behavior and is not supported.

You may need to configure your browser's pop-up blocking settings in order to use the web interface because some buttons or links in the interface will cause additional windows to open.

## Accessing the GUI

To access the GUI on a brand new system, access the following URL:

<http://192.168.42.42/>

When the login page is displayed, log in to the system using the default username and passphrase.

### Related Topics

- [Factory Default Username and Passphrase, on page 2](#)
- [Centralized Management, on page 2](#)

## Factory Default Username and Passphrase

- Username: `admin`
- Passphrase: `ironport`

On brand new (not upgraded from previous releases of AsyncOS) systems, you will automatically be redirected to the System Setup Wizard.

During the initial system setup, you choose IP addresses for interfaces and whether to run HTTP and/or HTTPS services for those interfaces. When HTTP and/or HTTPS services have been enabled for an interface, you can use any supporting browser to view the GUI by entering the IP address or hostname of the IP interface as a URL in the location field (“address bar”) of the browser.

For example:

`http://192.168.1.1` or

`https://192.168.1.1` or

`http://mail3.example.com` or

`https://mail3.example.com`



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**Note** If HTTPS has been enabled for an interface (and HTTP requests are *not* being redirected to the secure service), remember to access the GUI using the “`https://`” prefix.

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### Related Topics

- [Adding Users](#)

## Centralized Management

If you have created a cluster, you can browse machines in the cluster, create, delete, copy, and move settings among clusters, groups, and machines (that is, perform the equivalent of the `clustermode` and `clusterset` commands) from within the GUI.

For more information, see [Administering a Cluster from the GUI](#).

## Cloud Administrator - Web Interface Access

As a cloud administrator, you have limited access to specific features and configuration settings available in the web interface of your email gateway.

The following table details the specific features and configuration settings limited for a cloud administrator:

Feature or Configuration Setting	Navigation Path in Email Gateway
Running a Packet Capture.	Help and Support > Packet Capture
Configuring FTP Access to the Email Gateway	Network > IP Interfaces
Configuring Domain Name System (DNS) Settings	Network > DNS
Configuring TCP/IP Traffic Routes	Network > Routing
Updating a List of Revoked Certificates	Network > CRL Sources
Configuring Server Settings for Downloading Upgrades and Updates	Security Services > Service Updates
Managing and Configuring Alerts	System Administration > Alerts
Shutting Down or Rebooting the Email Gateway	System Administration > Shutdown/Suspend
Downloading and Installing the Upgrade	System Administration > System Upgrade
Configuring Access to the Email Gateway	System Administration > Network Access
Editing General Settings of the Email Gateway	System Administration > General Settings
Defining Basic Configuration Using the Web-Based System Setup Wizard	System Administration > System Setup Wizard
Complete Configuration Process of your Email Gateway	System Administration > Next Steps

## Enhanced User Experience using How-Tos Widget

The How-Tos is a contextual widget that provides in-app assistance to users in the form of walkthroughs to accomplish complex tasks on your appliance . To view a list of walkthroughs supported in this release, see [List of Walkthroughs](#).

You can access the walkthroughs by clicking the How-Tos widget on the web interface of your appliance . By default, the How-Tos widget is enabled on your appliance . The contents of the How-Tos widget are cloud-updateable.

For each walkthrough, there are recommended settings for specific configurable values categorized as follows:

- Conservative Settings - Cautious, configuration of not excessive limits
- Moderate Settings - Average, configuration within reasonable limits
- Aggressive Settings- Forceful, configuration of assertive limits

**Note**

- The current set of walkthroughs is limited to the following users: admin, cloud-admin, and operator.
- If you are using Internet Explorer version 11 to access the web interface of your appliance, you may not be able to view the How-Tos widget. Go to **System Administration > General Settings** page on your web interface and enable the Override IE Compatibility Mode option to view the How-Tos widget.

## Disabling How-Tos Widget on the Appliance

Use the `adminaccessconfig > how-tos` sub command in the CLI if you want to disable the How-Tos widget on your appliance .

### Example: Disabling How-Tos widget on the Appliance

```
mail.example.com> adminaccessconfig
```

Choose the operation you want to perform:

- BANNER - Configure login message (banner) for appliance administrator login.
- WELCOME - Configure welcome message (post login message) for appliance administrator login.
- IPACCESS - Configure IP-based access for appliance administrative interface.
- CSRF - Configure web UI Cross-Site Request Forgeries protection.
- XSS - Configure Cross-Site Scripting Attack protection.
- HOSTHEADER - Configure option to use host header in HTTP requests.
- TIMEOUT - Configure GUI and CLI session inactivity timeout.
- MAXHTTPHEADERFIELDSize - Configure maximum HTTP header Field size.
- HOW-TOS - Configure How-Tos feature.

```
[ ]> how-tos
```

How-Tos consists of a list of generic walkthroughs to assist the users in completing a particular task (for example, "enabling and configuring a service engine on the appliance").

```
Would you like to enable How-Tos? [Y]> no
```

## Changing Configuration Settings

- [Configuration Changes, on page 4](#)
- [Commit or Abandoning Changes , on page 4](#)

## Configuration Changes

You can make configuration changes while email operations proceed normally.

## Commit or Abandoning Changes

You must explicitly save most configuration changes.

When changes are pending a commit, the Commit Changes button turns orange.

To clear or commit these changes, click **Commit Changes**.

## Command Line Interface (CLI)

The Command Line Interface is accessible via SSH on IP interfaces that have been configured with these services enabled, or via terminal emulation software on the serial port. By factory default, SSH is configured on the Management port. Use the `interfaceconfig` command to disable these services.

For more information about CLI commands and conventions, see the CLI Reference Guide for AsyncOS for Cisco Email Security Appliances .



**Note** The factory default username and passphrase for accessing CLI is same as that of the web interface. See [Factory Default Username and Passphrase, on page 2](#).

## Cloud Administrator - CLI Access

As a cloud administrator, you have limited access to specific CLI commands used for configuration settings on your email gateway.

The following table details the specific CLI commands limited for a cloud administrator:

CLI command	Description
<code>alertconfig</code>	Configure email alerts.
<code>clusterconfig</code>	Configure cluster related settings.
<code>clustercheck</code>	Prompt to switch to the cluster mode.
<code>dnsconfig</code>	Configure DNS setup.
<code>dnshostprefs</code>	Configure IPv4/IPv6 DNS preferences.
<code>displayalerts</code>	Display the last n alerts sent by the email gateway.
<code>enginestatus</code>	Displays the status and CPU usage of all engines enabled on the email gateway.
<code>etherconfig</code>	Configure Ethernet settings.
<code>interfaceconfig</code>	Configure Ethernet IP addresses.
<code>loadconfig</code>	Load a configuration file.
<code>mailconfig</code>	Mail the current configuration to an email C- and M-Series address.
<code>packetcapture</code>	Intercept and display packets being transmitted or received over the network.
<code>reboot</code>	Restart the system.

CLI command	Description
repengstatus	Request version information of Reputation Engine.
resetconfig	Restore the factory configuration defaults.
revert	Revert to a previous release.
rollbackconfig	Rollback to one of the previously committed configurations.
routeconfig	Configure IP routing table.
saveconfig	Saves the configuration to disk.
setgateway	Set the default gateway (router).
sethostname	Set the name of the machine.
showconfig	Display all configuration values.
shutdown	Shut down the system to power off.
systemsetup	First time system setup.
tcp services	Display information about files opened by processes.
tzupdate	Update timezone rules.
updateconfig	Configure system update parameters.
updatenow	Update all components.
upgrade	Install an upgrade.
wipedata	Wipe the core files on the disk and check the status of the last coredump operation.