



Access Point GUI

This chapter provides the following information:

- [Accessing the GUI, page 2-1](#)
- [Access Point GUI Overview, page 2-3](#)
- [Home Page, page 2-3](#)
- [Configuration Page, page 2-4](#)
- [Event Log Page, page 2-7](#)

Accessing the GUI

Follow these steps to access the Cisco Aironet 600 Series OfficeExtend access point GUI.

Step 1 Connect your laptop to the local Ethernet port 1, 2, or 3 on the 600 Series OfficeExtend access point.



Note Ethernet port 4 (Remote LAN port) may not be used to configure the 600 Series OfficeExtend access point.

Step 2 With the 600 Series OfficeExtend access point connected to your home router/gateway as described in the procedure “[Installing the Access Point](#)” section on [page 1-4](#), enter the IP address of the 600 Series OfficeExtend access point in the Address field of your Internet browser (<http://<ap-ipaddress>>) and click **Go**.



Note The default IP address is 10.0.0.1.



Note Make sure your laptop is not connected to your company’s network using a virtual private network (VPN) connection.

The 600 Series Office Extend Access Point Login page is displayed.

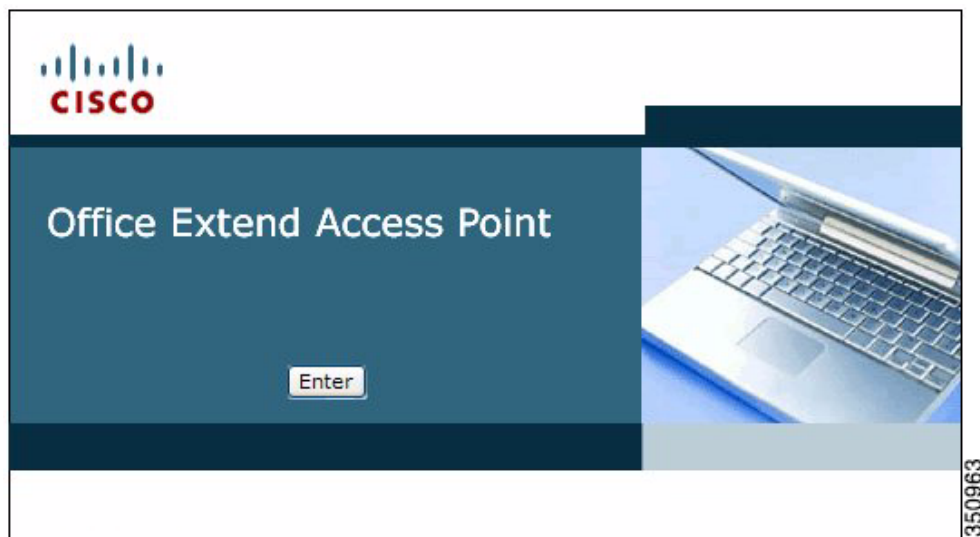
REVIEW DRAFT – CISCO CONFIDENTIAL

Step 3 When prompted, enter the username and password to log into the access point.



Note The default username and password are *admin* and *admin*.

The 600 Series OfficeExtend Access Point Welcome page is displayed.



Step 4 On the 600 Series OfficeExtend Access Point Welcome page, click **Enter**. The 600 Series Office Extend Access Point Home page is displayed.

REVIEW DRAFT—CISCO CONFIDENTIAL

The screenshot shows the Cisco Access Point GUI Home page. At the top is a navigation bar with the Cisco logo and tabs for HOME, CONFIGURATION, EVENT_LOG, and HELP. The HOME tab is selected. Below the navigation bar, the page title is 'Home: Summary'. The main content area is divided into three sections: General Information, AP Statistics, and Association. The General Information section contains a table with AP details. The AP Statistics section contains a table with radio status and performance metrics. The Association section contains a table with client connection details. At the bottom, there is an information icon and a note about editing the Personal SSID association.

Home: Summary

General Information

Ap Name	tedamico-evora
AP IP Address	192.168.1.4
AP Mode	Local
AP MAC Address	C0:C1:C0:05:45:E8
AP Uptime	19 minutes, 15 seconds
AP Software Version	7.0.114.87

AP Statistics

Radio	Admin Status	Freq/Chan	Tx Power	Pkts In/Out	Bytes In/Out
Radio-802.11G	up	2.4 GHz/6	18.50dBm	0/750	0/61627
Radio-802.11A	up	5 GHz/149	15.50dBm	6/752	1156/62823

Association

Client MAC	Association Time	Bytes In/Out	Duplicate/Retries	Decrypt Failed
00:21:6A:AB:09:FE	00:05:55	20480/1024	0/2	0

To edit 'Personal SSID' association and settings, click on [Configuration](#)

350961

Access Point GUI Overview

The GUI of the Access Point has four major sections:

- **HOME**—This page shows general information about the AP settings and a summary of the statistics.
- **CONFIGURATION**—This page is a multi-tab page which allows the user to configure different options like personal SSID, local DHCP server, etc.
- **EVENT LOG**—This page provides the user the ability to view the logged errors and ability to clear the log.
- **HELP**—This displays help for the pages listed above, especially the Configuration page.

Home Page

The Home page shows the access point name, IP address, AP mode, MAC address, AP uptime, and software version.

This page also reports radio-specific information including status, frequency/channel, transmit power, number of packets in and out, and number of bytes in and out.

For each connected client, this page reports the client MAC address, elapsed association time, number of bytes in and out, number of duplicates and retries.

REVIEW DRAFT – CISCO CONFIDENTIAL

Configuration Page

The Configuration page has multiple tabs to allow the user to configure different options.

Wherever applicable, default values will be shown.

The main options that can be configured on this page are:

- System
- SSID
- Local DHCP Server
- Wireless Access Network (WAN)

System Tab

The Configuration System page displays general system information, such as username and password for the access point and radio interface information.

The screenshot shows the Cisco Configuration System page. At the top is a navigation bar with the Cisco logo and tabs for HOME, CONFIGURATION (selected), EVENT_LOG, and HELP. There are links for Refresh and Close Window. Below the navigation bar is a 'Configuration' section with an 'Apply' button. Underneath is a tabbed interface with 'System', 'SSID', 'DHCP', and 'WAN' tabs. The 'System' tab is active, showing a 'Login' section with fields for Username (admin) and Password (masked). Below that is a 'Radio' section with fields for Radio Interface (2.4 GHz), Status (Enabled), Channel Selection (Auto), 802.11 n-mode (Enabled), and Bandwidth (20 MHz). Informational icons and text are present next to the Radio Interface and 802.11 n-mode fields.

Configuration		Apply	
System	SSID	DHCP	WAN
Login Username: admin Password: •••••			
Radio Radio Interface: 2.4 GHz <i>Select Each Radio and Configure Independently</i> Status: Enabled Channel Selection: Auto 802.11 n-mode: Enabled <i>802.11n is not supported with TKIP-only WPA Encryption</i> Bandwidth: 20 MHz			

350957

SSID Tab

[HOME](#)
[CONFIGURATION](#)
[EVENT_LOG](#)
[HELP](#)

[Refresh](#)
[Close Window](#)

Configuration

System

SSID

DHCP

WAN

Personal Network

Band Selection

2.4 GHz

Select Each Radio and Configure SSID Individually

Enabled

☒

Broadcast

☒

SSID

AIR-602

Personal SSID should be different from Corporate SSID

MAC Filter

Enabled

☐

Allowed MAC Addresses

e.g.00:1D:E0:34:E2:1F

Security

WPA-PSK

Disabled

WPA2-PSK

Disabled

WEP Encryption

Disabled

WPA Encryption

AES

WPA passphrase

[Click here to display](#)

Network Key 1

Network Key 2

Network Key 3

Network Key 4

Current Network Key

1

[Click here to display Network Keys](#)

REVIEW DRAFT – CISCO CONFIDENTIAL**DHCP Tab**

The Configuration DHCP page contains the fields necessary for you to change your DHCP scope.

Configuration Apply

System **SSID** **DHCP** **WAN**

Local DHCP

IP Address	10.0.0.1
Subnet Mask	255.255.255.0
Default Gateway	10.0.0.1
DHCP Server	Enabled
DHCP Starting IP Address	10.0.0.100
DHCP Ending IP Address	10.0.0.150
DHCP Lease Time	86400

350955

WAN Tab

The Configuration WAN tab contains the fields necessary for you to configure the IP address of the Wireless LAN controller on your access point.

Configuration Apply

System **SSID** **DHCP** **WAN**

Controller

IP Address	1.1.1.1
------------	---------

Uplink IP Configuration

Static IP	<input type="checkbox"/>
Domain Name	home
IP Address	192.168.1.4
Subnet Mask:	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.1

350958

REVIEW DRAFT—CISCO CONFIDENTIAL

Event Log Page

The Event Log page displays all logged events and has a button to clear the log. The Event Log page is shown below:

Event Log Clear

```

5246
*Apr 06 01:52:44.724: CAPWAP State: Join.
*Apr 06 01:52:44.724: Join request: version=7.0.114.113
*Apr 06 01:52:44.725: Join request: hasMaximum Message Payload
*Apr 06 01:52:44.726: Dot11 binding encode: Encoding join request
*Apr 06 01:52:44.726: Sending Join Request Path MTU payload, Length 1376
*Apr 06 01:52:45.035: Ignoring callback message Close alert received..
*Apr 06 01:52:45.036: Received packet caused DTLs to close connection
*Apr 06 01:52:49.598: Join request: version=7.0.114.113
*Apr 06 01:52:49.599: Join request: hasMaximum Message Payload
*Apr 06 01:52:49.599: Dot11 binding encode: Encoding join request
*Apr 06 01:52:49.600: DTLs connection not found Failed to encrypt and send packet.
*Apr 06 01:52:49.600: Failed to encrypt and send packet.
*Apr 06 01:52:49.600: Failed to send Join request to -1421466749
*Apr 06 01:53:43.998: Wait DTLs timer has expired
*Apr 06 01:53:43.999: Did not get join response
*Apr 06 01:53:43.999: CAPWAP State: DTLs Teardown.
*Apr 06 01:53:48.998: DTLs session cleanup completed. Restarting capwap state machine.
*Apr 06 01:53:48.999:
Lost connection to the controller, going to re-start evora...
*Apr 06 01:54:29.637: eth0      Link encap:Ethernet  HWaddr C0:C1:C0:05:45:E8
*Apr 06 01:54:29.638:      inet addr:192.168.1.4  Bcast:192.168.1.255  Mask:255.255.255.0
*Apr 06 01:54:29.638:      UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
*Apr 06 01:54:29.638:      RX packets:3113 errors:0 dropped:0 overruns:0 frame:0
*Apr 06 01:54:29.638:      TX packets:2514 errors:0 dropped:0 overruns:0 carrier:0
*Apr 06 01:54:29.638:      collisions:0 txqueuelen:100
*Apr 06 01:54:29.638:      RX bytes:607239 (593.0 kb)  TX bytes:689014 (672.8 kb)
*Apr 06 01:54:29.638:      Interrupt:4 Base address:0x2000
*Apr 06 01:54:29.638:
*Apr 06 01:54:29.661: eth1      Link encap:Ethernet  HWaddr 00:22:BD:DA:A9:C7
  
```

350959

REVIEW DRAFT – CISCO CONFIDENTIAL