LINKSYS

User Guide

Wireless Access Points
with Cloud Manager

LINKSYS

Contents

Access Point Setup Guide

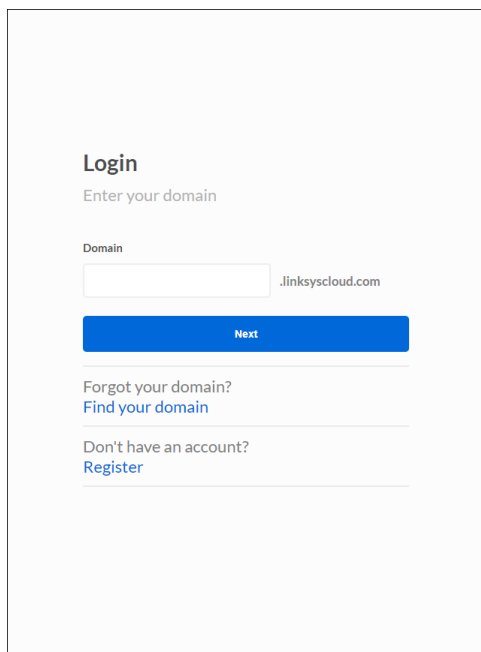## Set up your access point with Linksys Cloud Manager

Step 1

Make sure the access point is powered on and connected with an ethernet cable to a networkwith internet access. By factory default, the IP address is assigned by a DHCP server. If there is no DHCP server in your network, the default IP address is 192.168.1.252/255.255.255.0.

Log in to the access point's browser-based admin tool locally. Type in default username: admin, and password: admin. Click the Configure LAN Settings link. Change the IP address or VLAN so the access point can access the internet.

If the indicator LED is off, check that the AC power adapter, or PoE cable, is properly connected on both ends.

Step 2

Enter http://Cloudmanager.Linksys.com in a web browser to access the cloud dashboard. If you already have a Linksys Cloud Manager account, log in.

Login
Enter your domain

Domain

[   ] .linksyscloud.com

[Next   ]

Forgot your domain?
Find your domain

Don't have an account?
Register

If not, create an account by completing the on-screen forms. Then, register the access point at the new account.

Create an account

Name

Chris

Surname

Genus

Phone number

+1

Email

christopher.genus@linksys.com

Password   View

••••••••••

Use at least 8 characters.

☑ I agree to Linksys Cloud terms and conditions
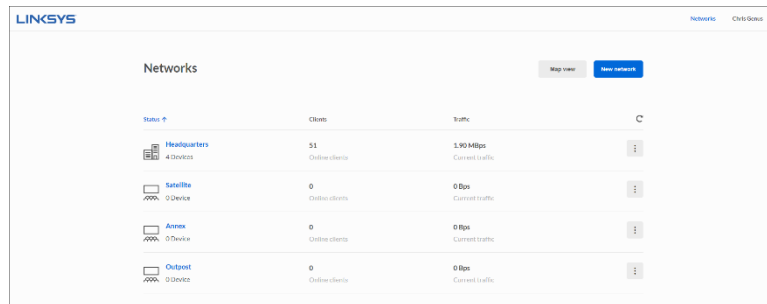
Register

Already have an account?
Login

We'll send you a confirmation email. Click on the link and finish setting up your access point.

Cloud Management Interface

Once you are logged in to Cloudmanager.Linksys.com you can create and manage your networks.
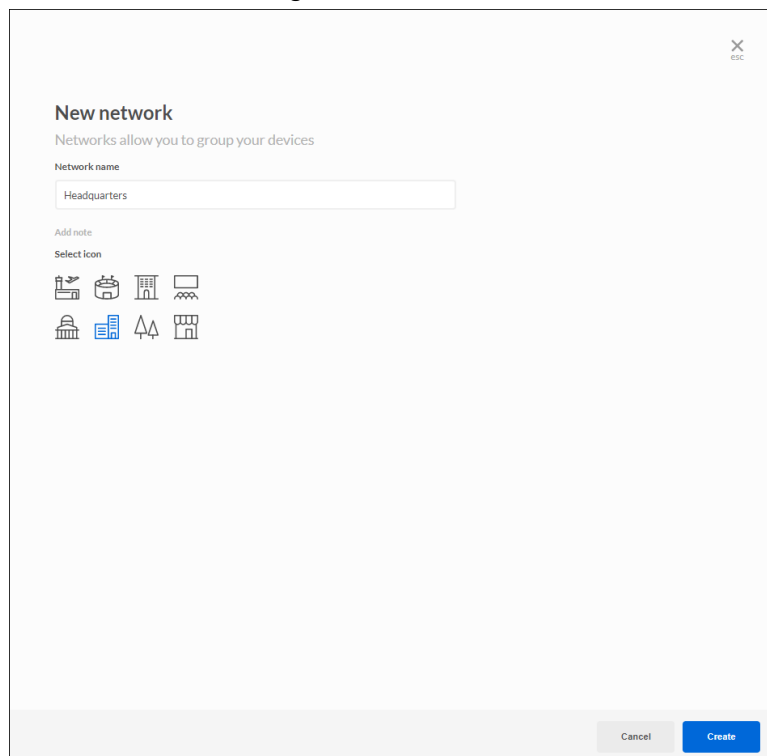
Networks

Create network

To create a new network, go to Networks and click *New Network*

Choose a name for your network and add any descriptive notes about the network. Choose an icon to represent your network.
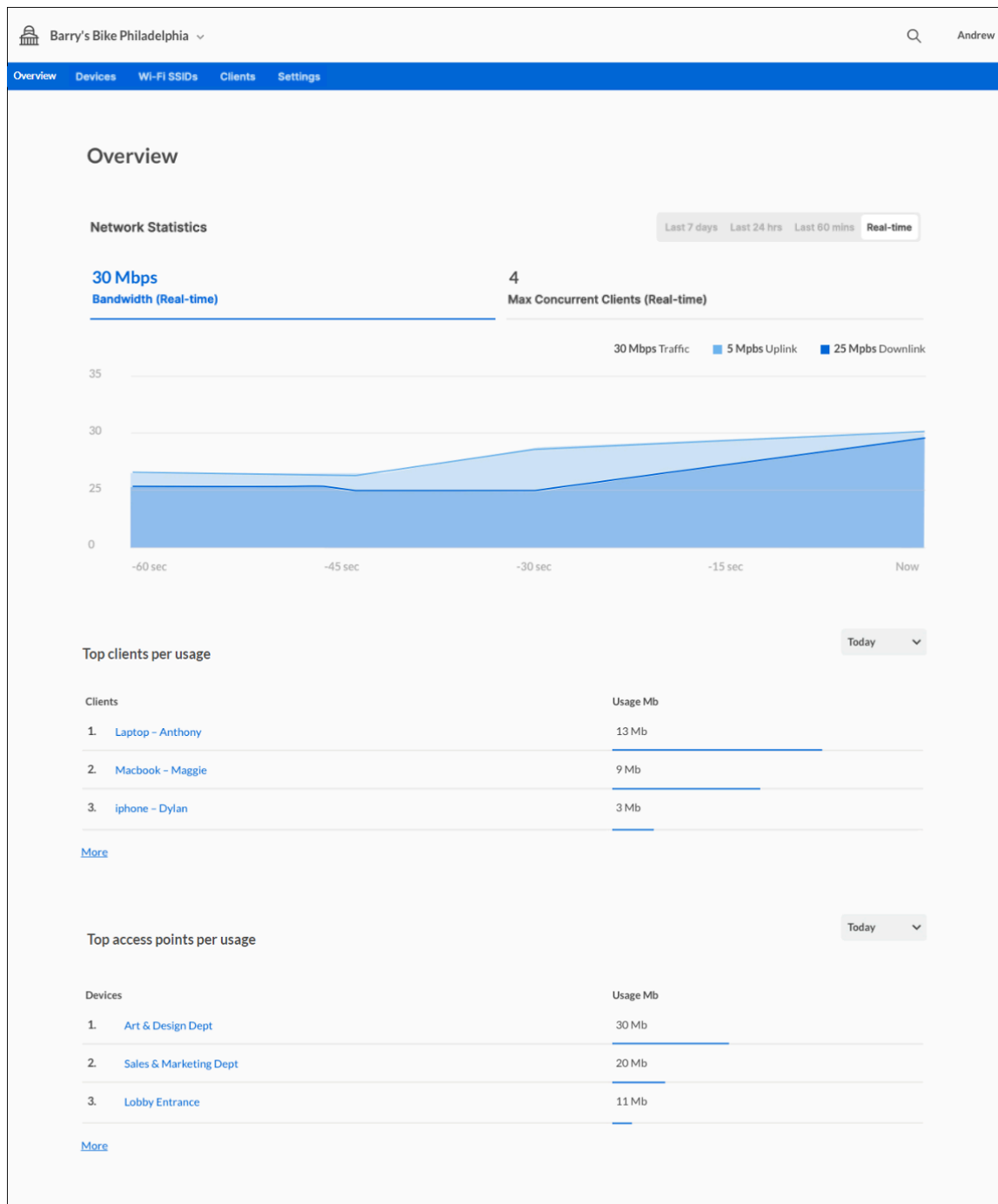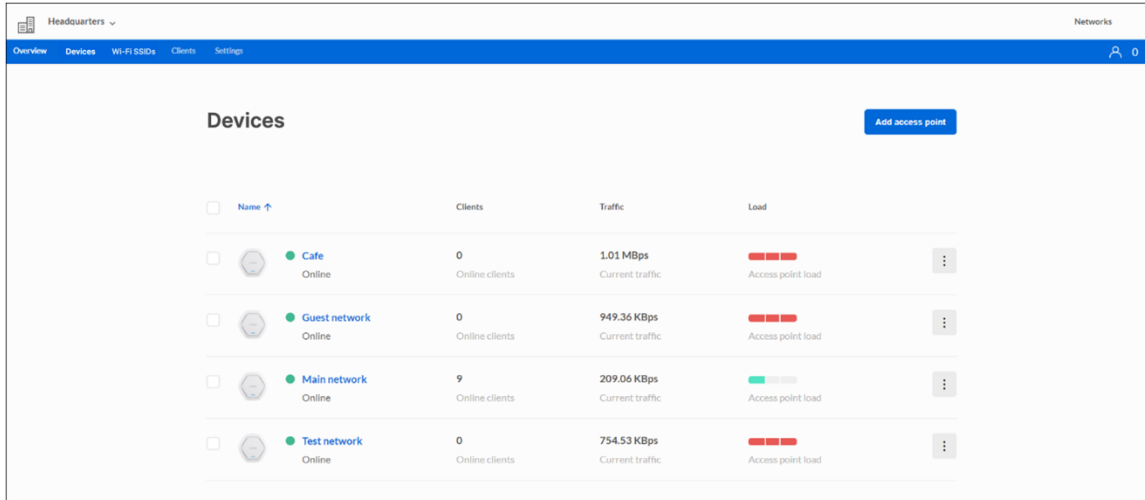
Overview

Overview provides information on a network, its access points, and client devices:

- Network stats
- Top clients per usage
- Top access points per usage
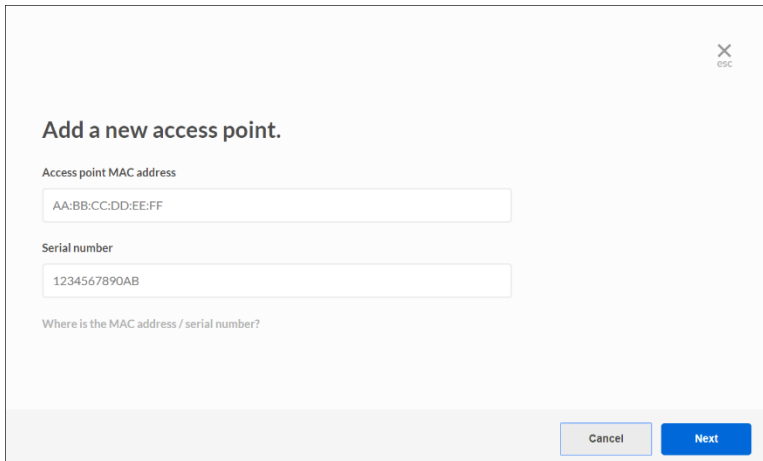- Channel
- Access points on map

Devices

Go to Networks and click on a network name. Click on *Devices* in the menu bar to manage access points on your network.

To add a new access point to the network, click Add access point.
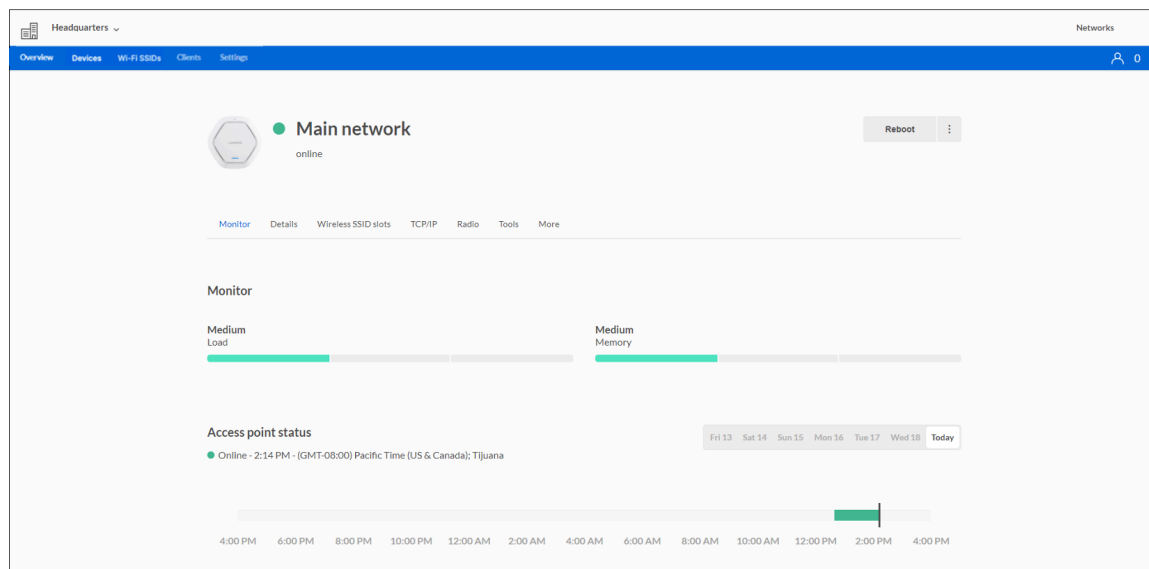

1. Connect your access point to the internet.
2. Enter the MAC address and serial number of the access point you want to add, then click Next.

Once the access point has been found, you can rename it and click the Add access point button.
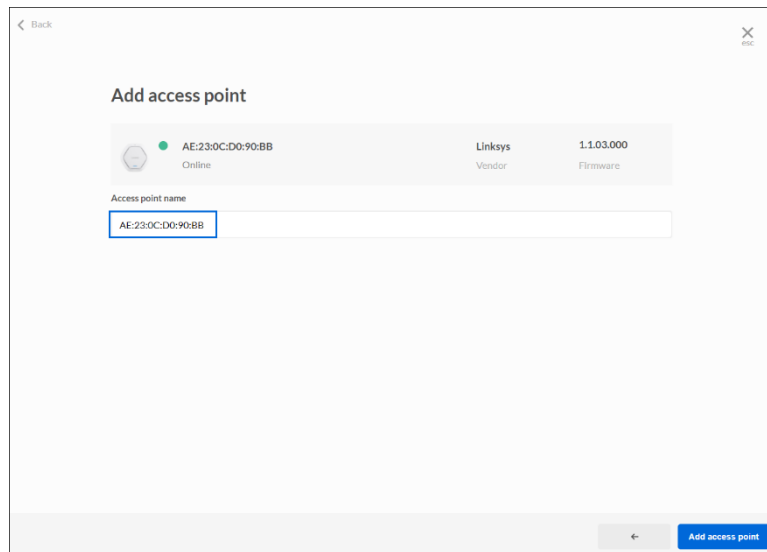
Monitor

Load—Shows the access point's consumption of CPU load

Memory—Shows the access point's consumption of memory

Access point status—Shows the access point's status for the last 7 days

Device stats—Shows data about clients and traffic for the last 7 days

Connected clients—Shows the list of connected clients

Details

View whether the access point is connected to the cloud. See the current firmware version and check for updates. You can also see the MAC address, serial number, model number, hardware version, the name you gave it, any device notes or description, and the location set for the access point.

Wireless SSID slots

To add a new SSID to the device, click Add wireless SSID and select one from the list.

Authentication—Shows whether the wireless name is open or requires a password

Broadcasting—Shows how many access points in the network are broadcasting the wireless name

Captive portal—Shows whether a captive portal is enabled or disabled

Bandwidth limit—Shows the bandwidth limit set for the SSID

Client bandwidth limit—Shows the bandwidth limit set per client connected to the SSID

Band selection—Shows whether the SSID is set to Dual Band or Single Band

TCP/IP

Configure IP—Select Automatic Configuration or Static IP Address

IP Address—Enter an unused IP address from the address range used on your LAN

Gateway—Enter the gateway for IP Server

Subnet mask—Enter the subnet mask for the IP address

Primary DNS server—Enter the DNS Address

Secondary DNS server—Optional

VLAN tagging—Enter tag of your VLAN

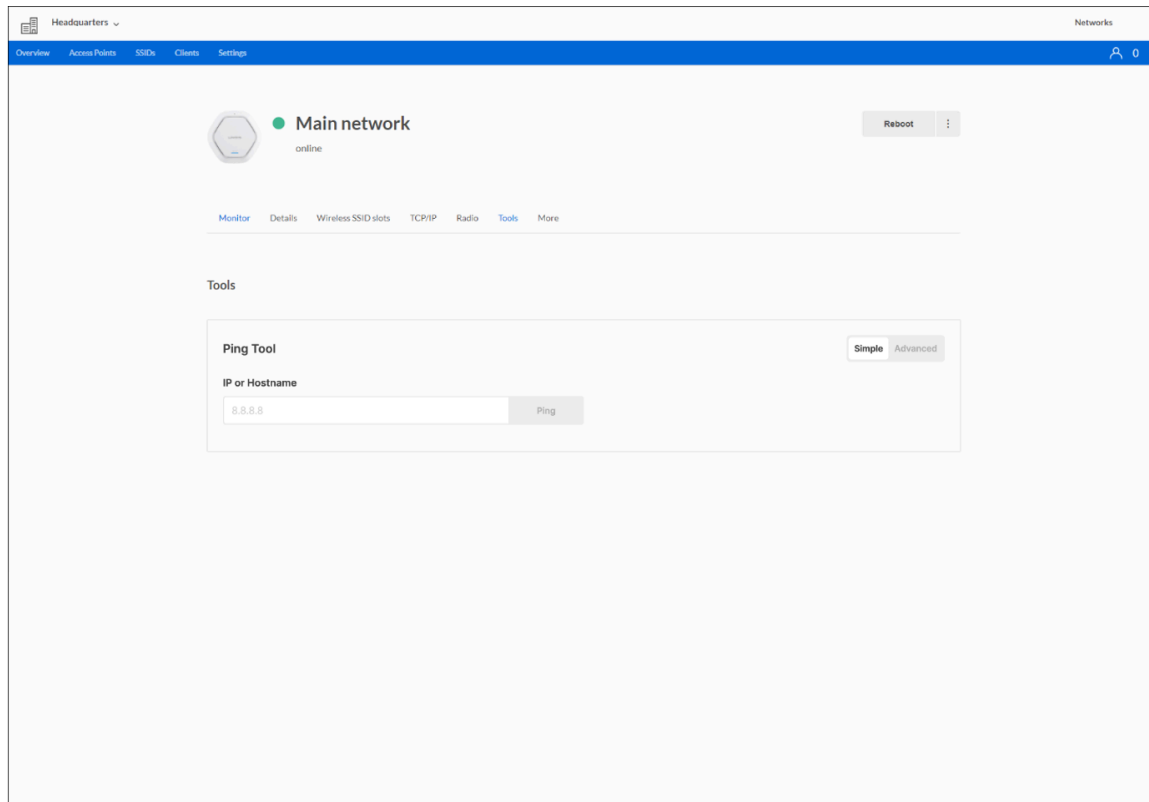## Radio

Radio mode—Choose a radio mode

Channel width—Choose 20 MHz, 40 MHz, or 80 MHz

Channel—Choose Auto or select a specific channel

TX power—Choose the strength of the signal when access point is transmitting
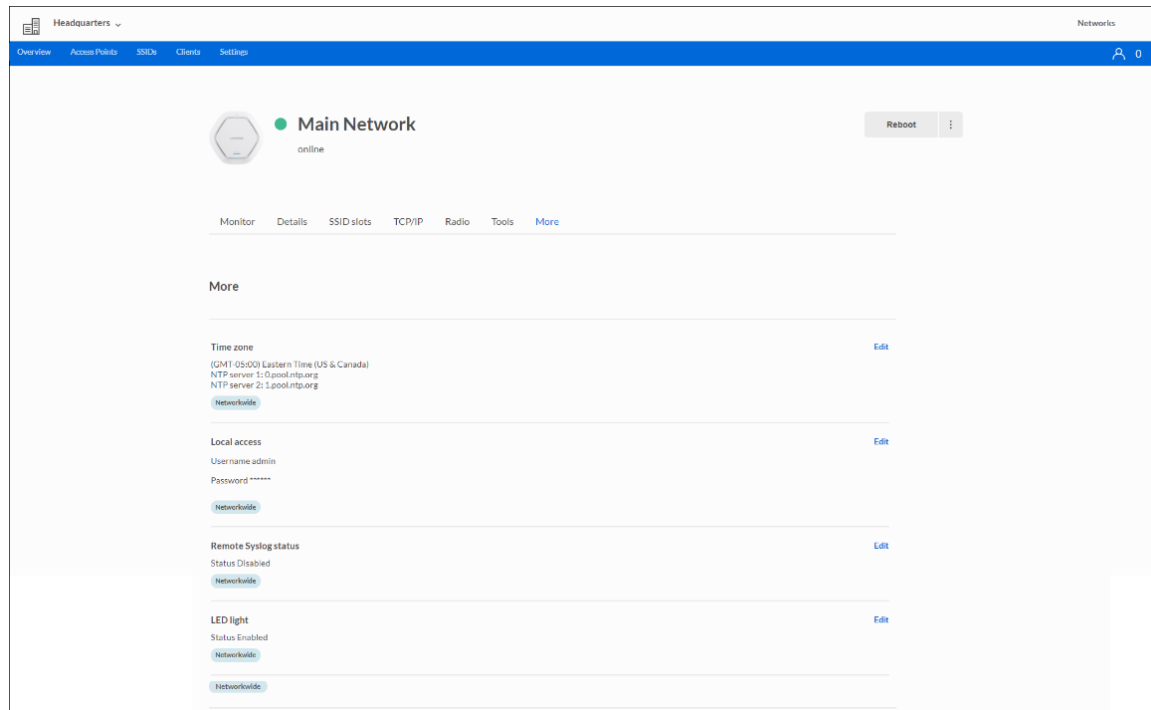
MU-MIMO—Choose to enabled or disable MU-MIMO

Tools

Ping tool—Determine the accessibility of a host on the network

More

Time zone—View and edit the device time zone

Local access credentials—The username and password for local access to device. Default is "admin"

Device local web server—Choose whether to allow local access to the device through a browser

Remote syslog—Decide whether to send logs to a syslog server and enter the server's IP address

Auto configuration rollback—Choose whether to enable or disable auto configuration rollback
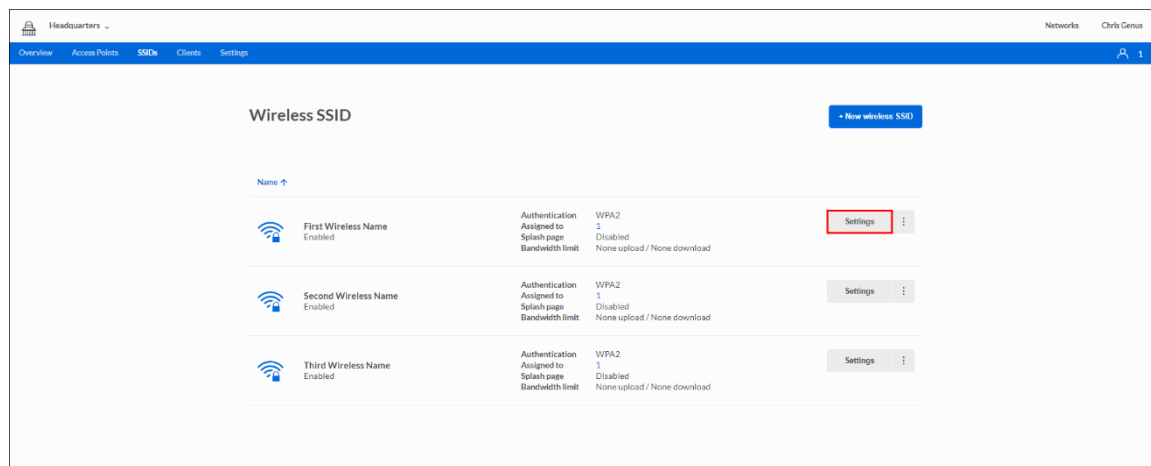
Access point LED—Device LED status

Wi-Fi SSIDs

Create, view, and edit the SSIDs on your networks.
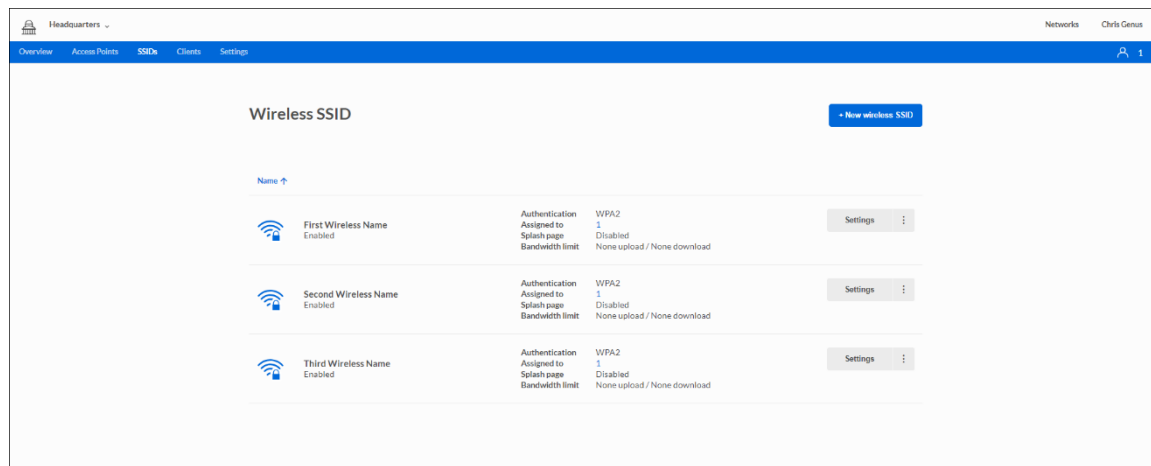
To create a new SSID, choose a network, click SSID and then + New wireless SSID.

SSID Settings

To edit an SSID's settings, click settings to the right of the SSID.

General

Name—Choose a name of the SSID and decide whether to broadcast or hide it

Authentication—Choose whether to protect the SSID with a password or allow all devices to connect. If using a password, choose a security type - either WPA2 or WPA2 Enterprise

Delete wireless name—Remove the SSID and all settings from the cloud

NOTE-Be sure to click the Save button when you are finished making changes

Broadcasting

Choose whether to broadcast the wireless names available on an access point.

Captive Portal

Enabled/Disabled—Choose whether to send users to a splash page when connecting to the wireless name

Select spash page—Choose which splash page to display

Walled garden—Add sites users can visit prior to authenticating through the splash page
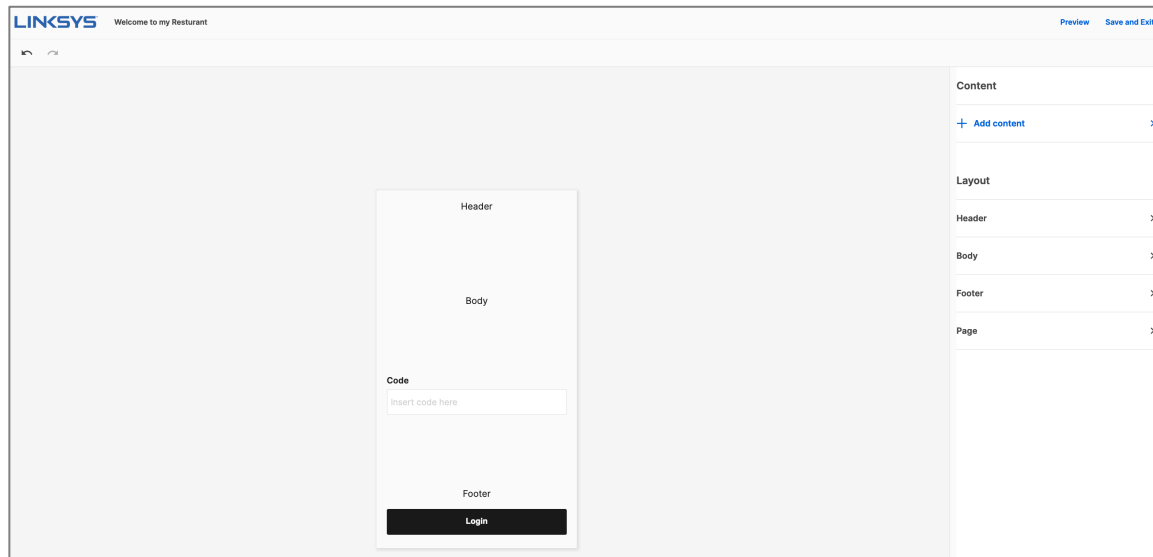
Disable auto pop-up—Prevent the splash page from displaying on specific client devices

Client session timeout—Select amount of time before clients are disconnected

Client idle timeout—Select amount of time before clients are disconnected if inactive

External captive portal—Enter the URL for an external captive portal

Splash Page Editor
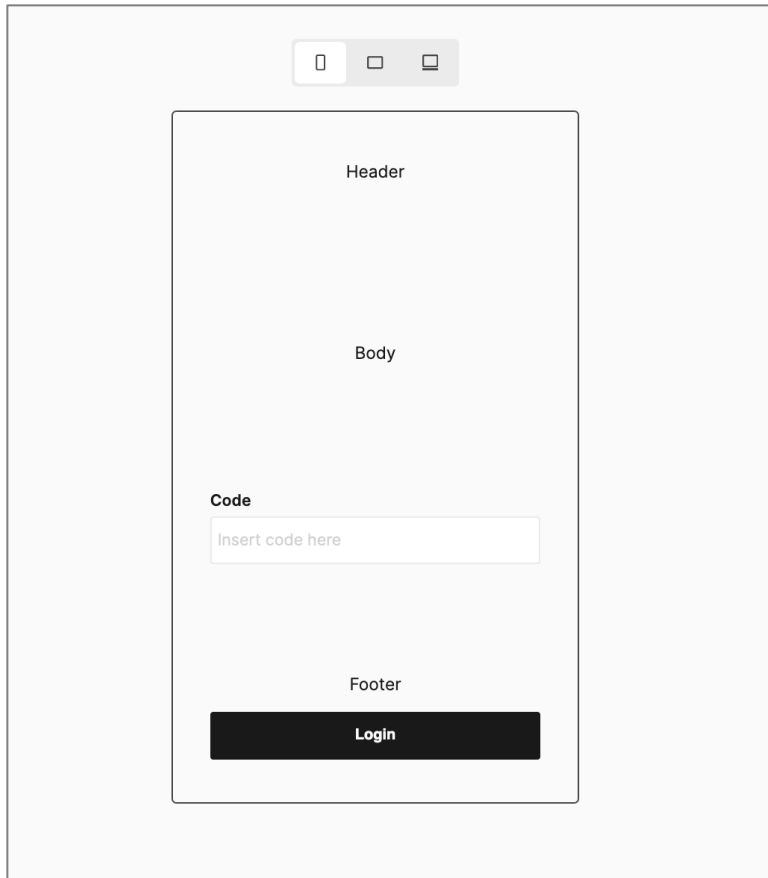
Content

- Add Content
  - Text—Add text to the splash page for users to view before logging in
  - Image—Upload an image to the splash page
  - Terms—Create terms of use
  - Login button—Add a login button
  - Code field—Add a password for users to connect into the network
- Layout
  - Header—Top of the splash page
  - Body—Center of the splash page
  - Footer—Bottom of the splash page
- Appearance
  - Padding—Increase or decrease the padding size of a section.
  - Background color—Add a background color to a section.
  - Alignment—Adjust the location of content within a section.

Preview
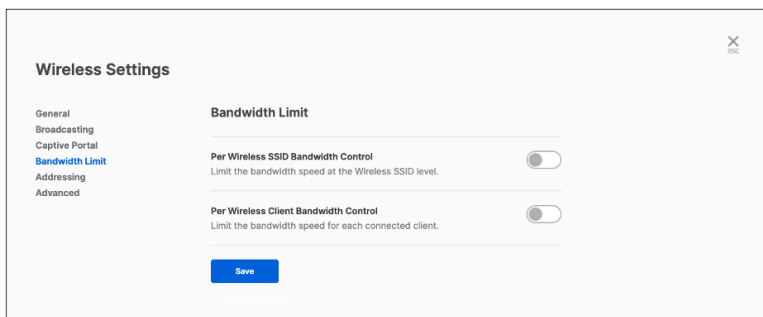
Multiple displaying options to preview the splash page when viewed on phones, tablets and PCs.

Be sure to click the Save and Exit button when you are finished making changes.

Bandwidth limit
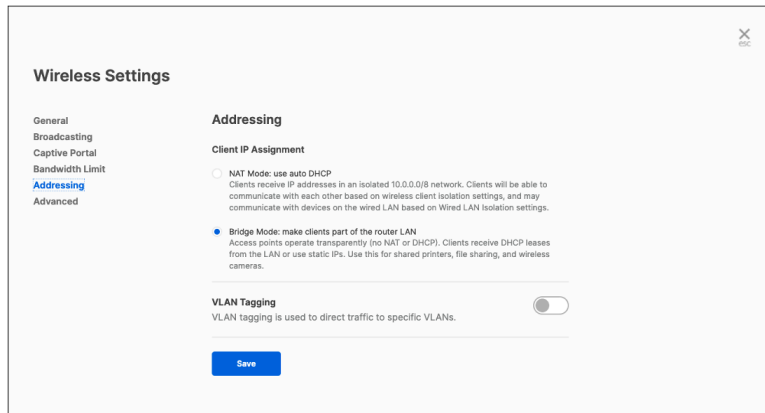
Per wireless bandwidth limit—Turn on bandwidth limit and use the slider to set the maximum bandwidth (in Mbps) for the SSID

Per wireless client bandwidth control—Turn on bandwidth limit and use the slider to set the maximum bandwidth (in Mbps) per client within the SSID

Addressing

NAT Mode—Selecting NAT mode enables NAT and DHCP, the option to set a custom DNS server, and the choice to isolate wireless clients from the wired LAN.

Bridge Mode—Selecting bridge mode disables NAT and DHCP. VLAN tagging is optional by setting VLAN IDs on the SSID

Advanced

Wireless client isolation—When turned on, prevents wireless clients from connecting to each other

Maximum concurrent clients—When turned on, limits the number of clients that can be connected at the same time
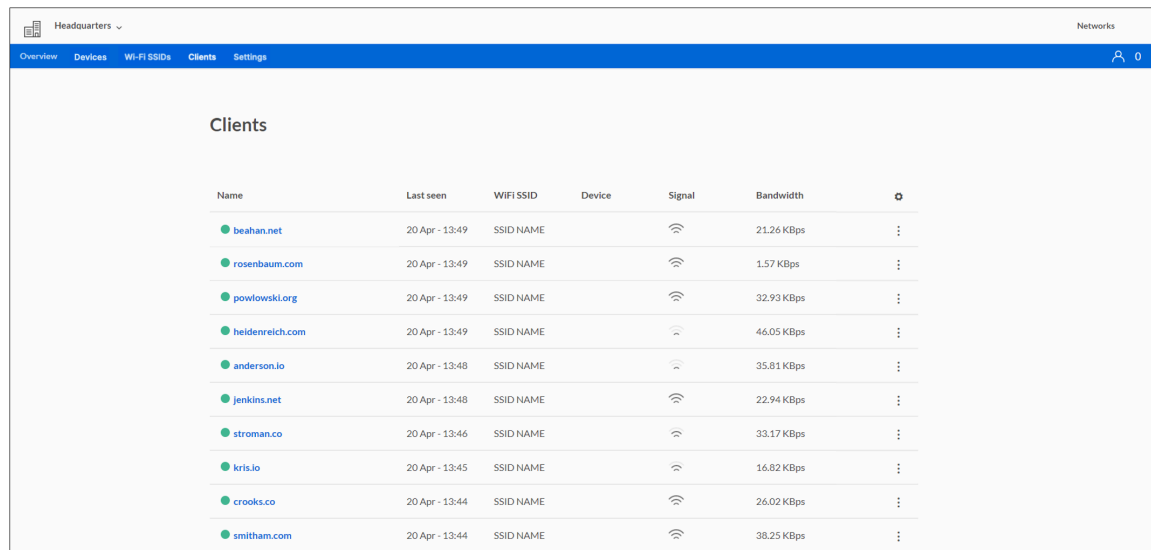
802.11k—When turned on, helps devices search faster for nearby access points as roaming options

802.11r concurrent clients—When turned on, helps devices authenticate more quickly when roaming

Sticky client auto disconnect—When turned on, automatically disconnects clients with a high retransmission rate
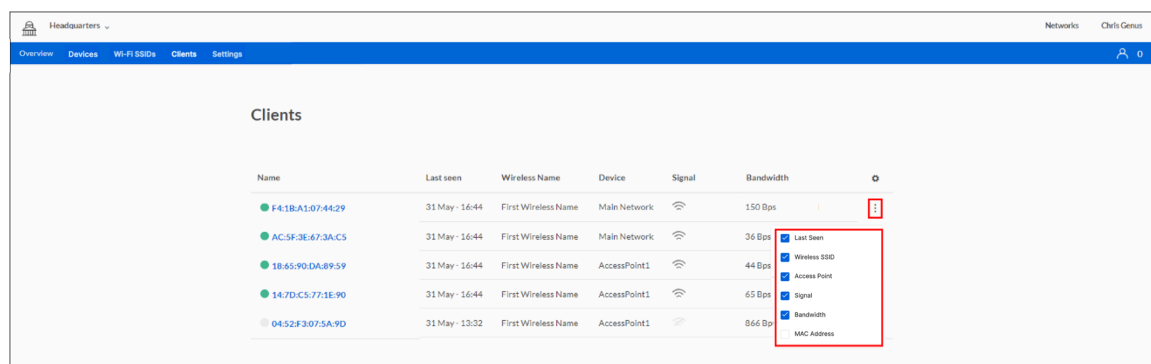
Band Selection—Select between dual band or single band operation for the SSID

Clients

Click the settings icon in the far column to view information about a specific client.

Details

MAC address—Client MAC address

Name—Custom client label

Notes—Client note or description

First seen—The first time the client connected

Last seen—Last seen client date

Connection

Duration—How long the client has been connected

Bandwidth—The speed of the connection

Signal—The strength of the connection

Last seen—The last time the client was connected

IP Address—The client's IP address
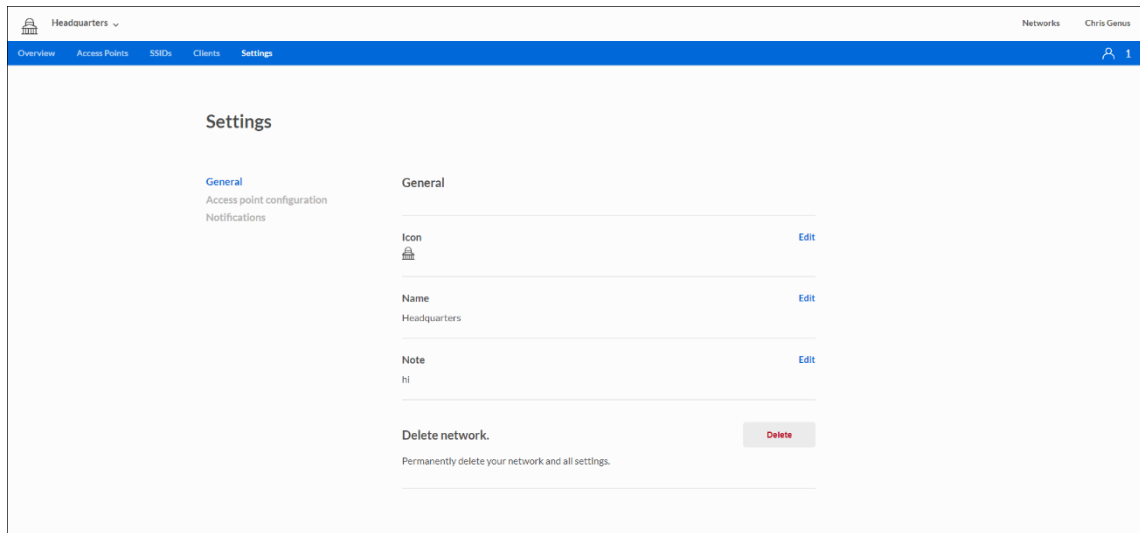
Wireless SSID—The Wi-Fi SSID the client connected to

Access Point—The access point the client is connected to

Usage—Bandwidth usage by the client

Packets—Packets downloaded and uploaded by the client

Settings

Select a network and click on the Settings tab. Choose a setting to view or edit.

General

View or edit a network's icon, name and any notes. You can also delete a network from cloud management.
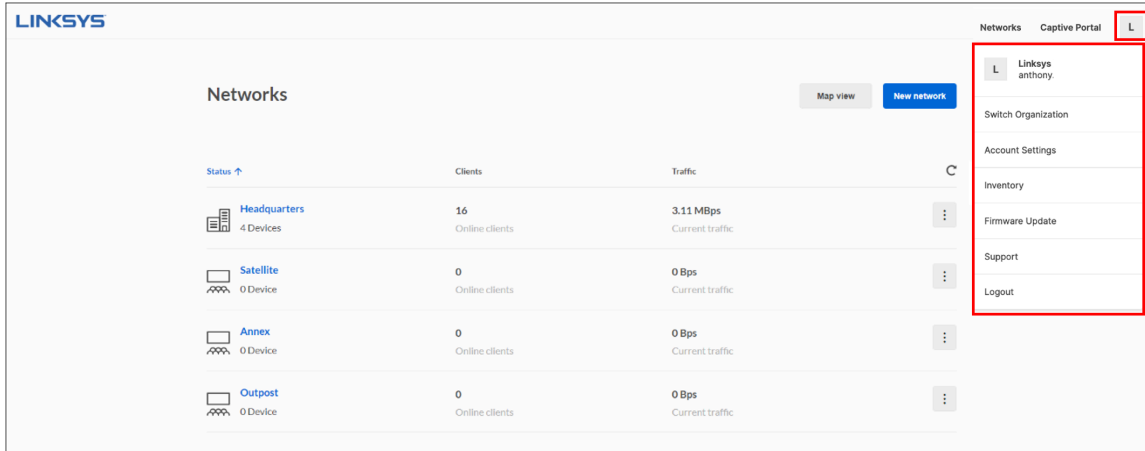
Network-wide configuration

View or edit a network's time zone, local login information, local web server status, remote syslog status, scheduled reboots, auto configuration rollback status, and turn the access point's LED on or off.

Notifications

Decide whether to send email notifications to network members when an access point goes offline.
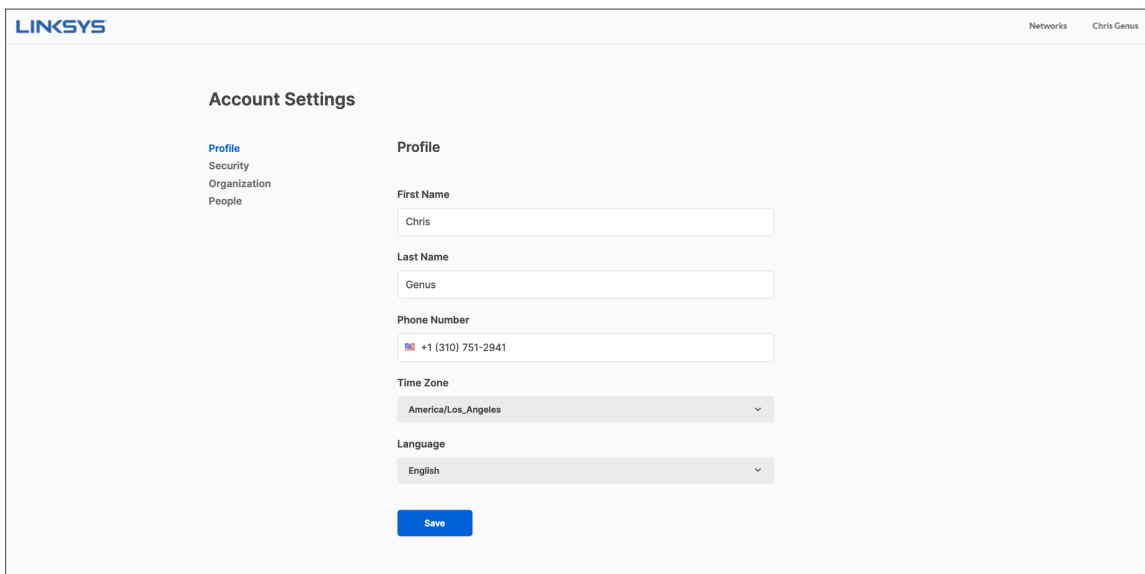
Account settings

To view or edit your account settings, click on your account name and choose Account Settings from the drop-down menu.

Profile

The profile screen shows your personal data:

- First Name
- Last Name
- Phone Number
- Time Zone
- Language

Security

Change your account password, and view information about users logged in to the cloud management account. Enable 2-factor authentication for an additional layer of security requiring verification through email.
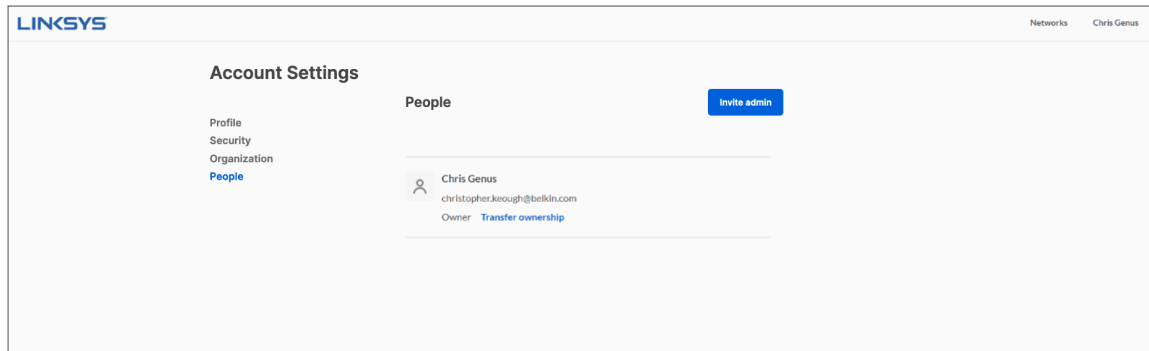

Organization

Choose the option to change your organization name or delete the organization. Note that once an organization has been deleted it cannot be recovered.
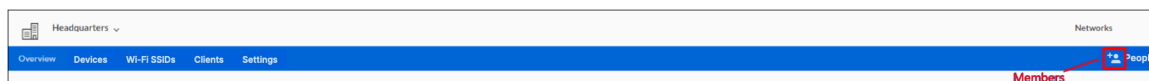

People

Lists all the members of the account. To add a new member to an account, click on Invite admin.

You can also add a new member to your network by clicking the person icon on the far right of the menu bar. Click Invite *Member* and enter and email address and assign permissions (Manager or Viewer).

To transfer ownership of your account, click Transfer ownership and enter the email address of the member you would like to give ownership.

Inventory

Inventory is the virtual deposit for the devices you're not using.

To add a device, click the Add new access point button.

Connect your device to the internet.

Enter the MAC address and serial number of the device you want to add. Click the Next button.

Once the device has been found, rename it and click the Add access point button.

Support

Technical Support, Regulatory, Safety and Warranty

Additional support and information about this product can be found at www.linksys.com/support.

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