



Monitor and Managed Clients with Omada SDN Controller

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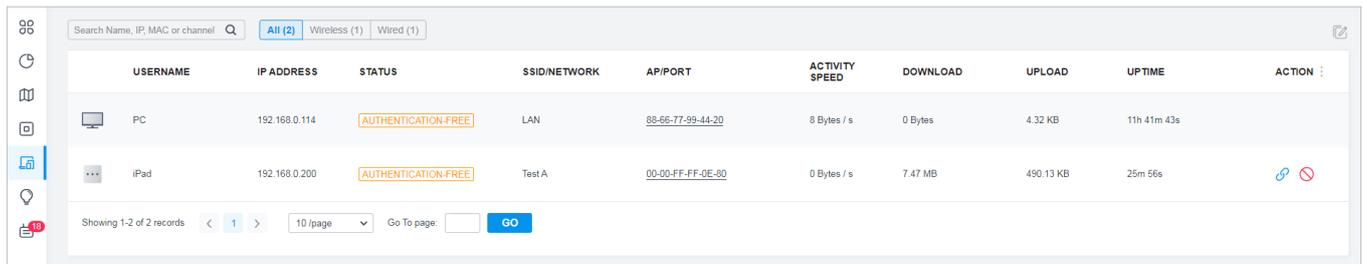
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♥ 1.1 Manage Wired and Wireless Clients in Clients Page

1.1.1 Introduction to Clients Page

The Clients page offers a straight-forward way to manage and monitor clients. It displays all connected wired and wireless clients in the chosen site and their general information. You can also open the Properties window for detailed information and configurations.



USERNAME	IP ADDRESS	STATUS	SSID/NETWORK	API/PORT	ACTIVITY SPEED	DOWNLOAD	UPLOAD	UPTIME	ACTION
PC	192.168.0.114	AUTHENTICATION-FREE	LAN	88-66-77-99-44-20	0 Bytes / s	0 Bytes	4.32 KB	11h 41m 43s	
iPad	192.168.0.200	AUTHENTICATION-FREE	Test A	00-00-FF-FF-0E-80	0 Bytes / s	7.47 MB	490.13 KB	25m 56s	link refresh

Showing 1-2 of 2 records | 10 /page | Go To page:

PENDING

The client has not passed the portal authentication and it is not connected to the internet.

AUTHORIZED

The client has been authorized and is connected to the internet.

CONNECTED

The client is connected to internet via non-portal network.

AUTHENTICATION-FREE

The client does not need to be authorized and it is connected to the internet.

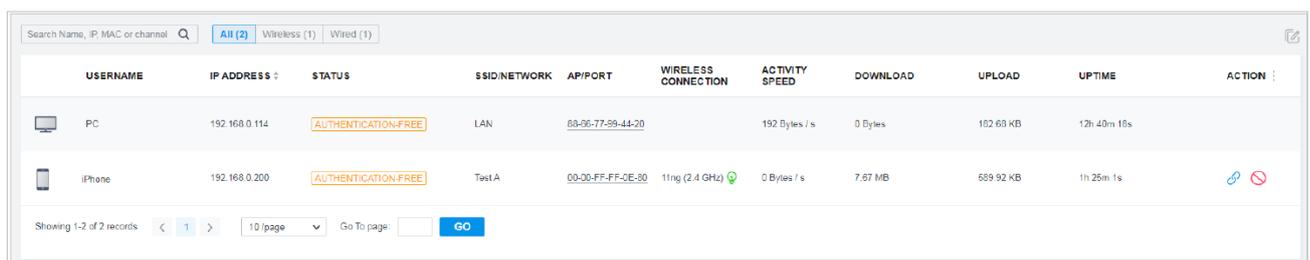
1.1.2 Using the Clients Table to Monitor and Manage the Clients

To quickly monitor and manage the clients, you can customize the columns and filter the clients for a better overview of their information. Also, quick operations and batch configuration are available.

■ Customize the Information Columns

Click  next to the Action column and you have three choices: Default Columns, All Columns, and Customize Columns. To customize the information shown in the table, click the checkboxes of information type.

To change the list order, click the column head and the icon  appears for you to choose the ascending or descending order.



USERNAME	IP ADDRESS	STATUS	SSID/NETWORK	API/PORT	WIRELESS CONNECTION	ACTIVITY SPEED	DOWNLOAD	UPLOAD	UPTIME	ACTION
PC	192.168.0.114	AUTHENTICATION-FREE	LAN	88-66-77-99-44-20		192 Bytes / s	0 Bytes	102.60 KB	12h 40m 16s	
iPhone	192.168.0.200	AUTHENTICATION-FREE	Test A	00-00-FF-FF-0E-80	11mg (2.4 GHz) 	0 Bytes / s	7.67 MB	589.92 KB	1h 25m 1s	link refresh

Showing 1-2 of 2 records | 10 /page | Go To page:

When this icon  appears in the Wireless Connection column, it indicates the client is in the power-saving mode.

■ **Filter the Clients**

To search specific client(s), use the search box above the table. To filter the clients by their connection type, use the tab bars above the table. For wireless clients, you can further filter them by the frequency band and the type of connected wireless network.

Search Name, IP, MAC or channel Q

Filter clients using the search box based on username, IP address, MAC address or channel.

All (2)
Wireless (1)
Wired (1)

Filter clients based on their connection type.

All (2)
2.4 GHz (0)
5 GHz (2)

(For wireless clients) Filter wireless clients based on the frequency band they are using.

All (2)
Users (0)
Guests (2)

(For wireless clients) Filter wireless clients based on the type of connected wireless network. Guests are clients connected to the guest network, which you can set during the [Quick Setup](#), [creating wireless networks](#), etc.

■ **Quick Operations**

For quick operations on a single client, click the icons in the Action column. The available icons vary according to the client status and connection type.

Click to block the client in the chosen site. You can view blocked clients in [8. 5. 1 Known Clients](#).

(With portal authentication enabled) Click to manually authorize the client that has not passed the portal authentication.

(With portal authentication enabled) Click to unauthorize the client that has passed the portal authentication.

(For wireless clients) Click to reconnect the wireless client to the wireless network.

■ **Multiple Select for Batch Configuration**

To select multiple clients and add them to the Properties window, click on the upper-right and then check the boxes. When you finish choosing the clients, click [Edit Selected](#) and the chosen client(s) will be added to the Properties window for batch client configuration.

USERNAME	IP ADDRESS	STATUS	SSID/NETWORK	AP/PORT	ACTIVITY SPEED	DOWNLOAD	UPLOAD	UPTIME	ACTION
PC	192.168.0.114	AUTHENTICATION-FREE	LAN	88-66-77-99-44-20	192 Bytes / s	0 Bytes	182.68 KB	12h 40m 18s	
iPhone	192.168.0.200	AUTHENTICATION-FREE	Test A	00-00-FF-FF-0E-80	0 Bytes / s	7.67 MB	589.92 KB	1h 25m 1s	

Showing 1-2 of 2 records

 /page

 Go To page:

GO

1. 1. 3 Using the Properties Window to Monitor and Manage the Clients

In Properties window, you can view more detailed information about the connected client(s) and manage them. To open the Properties window, click the entry of a single client, or click the  icon to select multiple clients for batch configuration. Use the following icons for the Properties window.

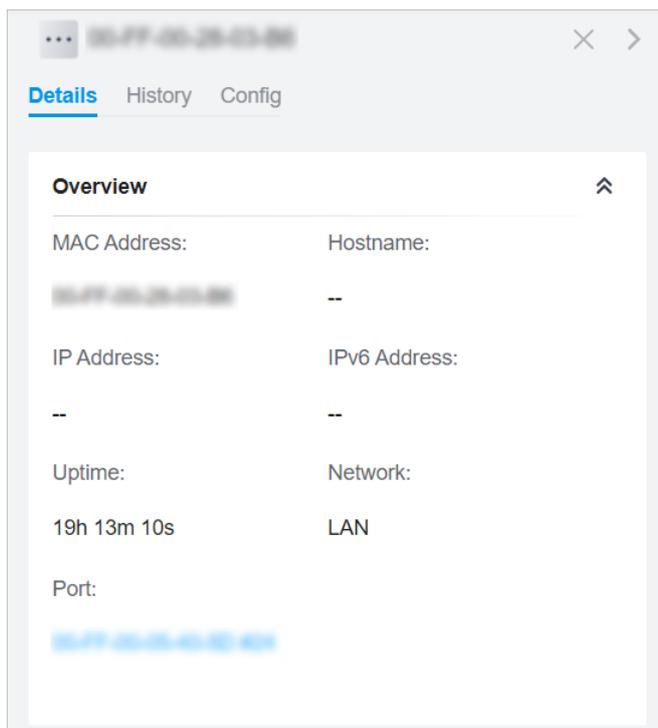
	Click to select multiple clients and add them to the Properties window for batch monitoring and management.
	Click to minimize the Properties window to an icon. To reopen the minimized Properties window, click  .
	Click to maximize the Properties window. You can also use the icon on pages other than the Clients page.
	Click to close the Properties window of the chosen client(s). Note that the unsaved configuration for the client(s) will be lost.
	The number on the lower-right shows the number of clients in the batch client configuration.

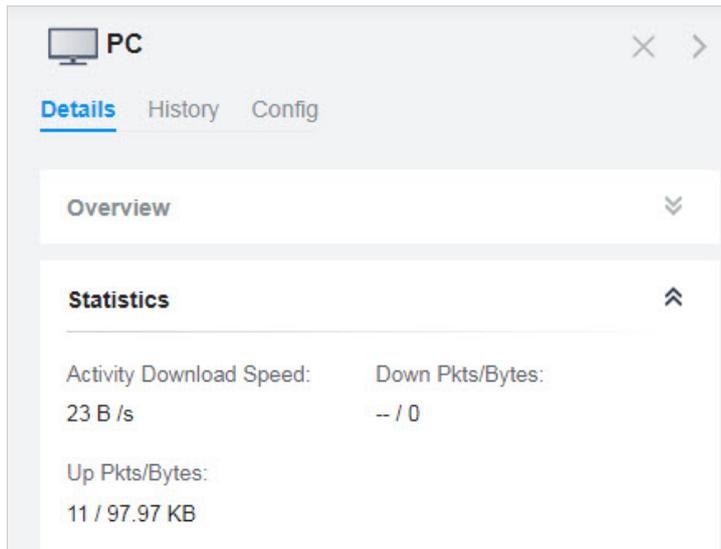
Monitor and Manage a Single Client

■ Monitor a Single Client

After opening the Properties window of a single client, you can view the basic information, traffic statistics, and connection history under the Details and History tabs.

Under the Details tab, Overview and Statistics displays the basic information and traffic statistics of the client, respectively. The listed information varies due to the client's status and connection type.

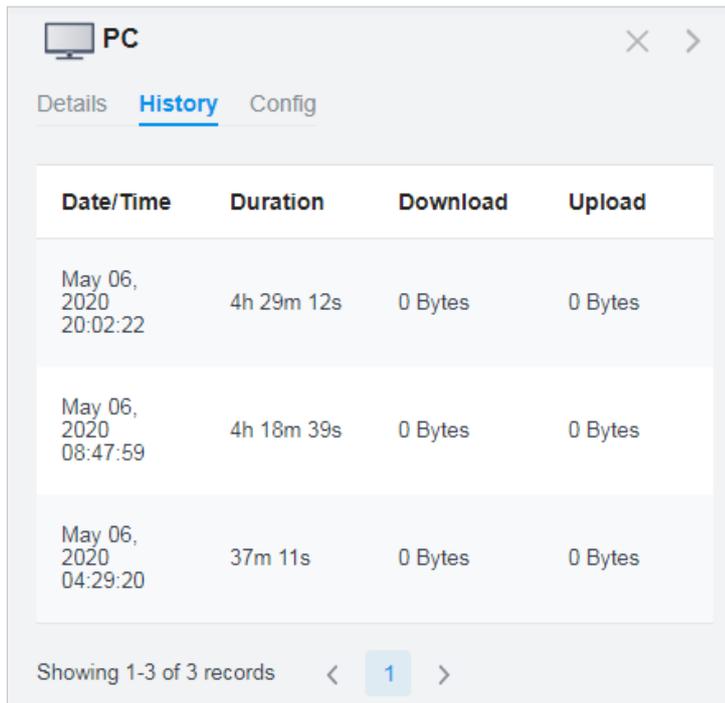




The screenshot shows a window titled "PC" with a close button and a right arrow. Below the title bar are three tabs: "Details" (selected), "History", and "Config". The main content area is divided into two sections: "Overview" (collapsed) and "Statistics" (expanded). The "Statistics" section displays the following data:

Activity Download Speed:	Down Pkts/Bytes:
23 B /s	-- / 0
Up Pkts/Bytes:	
11 / 97.97 KB	

Under the History tab, you can view the connection history of the client.



The screenshot shows a window titled "PC" with a close button and a right arrow. Below the title bar are three tabs: "Details", "History" (selected), and "Config". The main content area displays a table with the following columns: "Date/Time", "Duration", "Download", and "Upload". The table contains three records:

Date/Time	Duration	Download	Upload
May 06, 2020 20:02:22	4h 29m 12s	0 Bytes	0 Bytes
May 06, 2020 08:47:59	4h 18m 39s	0 Bytes	0 Bytes
May 06, 2020 04:29:20	37m 11s	0 Bytes	0 Bytes

At the bottom of the window, it says "Showing 1-3 of 3 records" followed by a pagination control showing "1" in a blue box with left and right arrows.

■ **Manage a Single Client**

In Config, you can configure the following parameters:

Name	Specify the client’s name to better identify different clients, and the name is used as the client’s username in the table on the Clients page.
Rate Limit	<p>Select an existing rate limit profile, create a new rate limit profile or customize the rate limit for the client.</p> <p>Custom: Specify the download/upload rate limit based on needs.</p> <p>Note: Rate Limit on this page is only available for the clients connected to the EAPs. To limit the rate of the clients connected to the gateway or switch, go to Bandwidth Control page.</p>
Download/Upload Limit	Click the checkbox and specify the rate limit for download/upload for wireless clients using the voucher code(s). The value of the download and upload rate can be set in Kbps or Mbps.

Use Fixed IP Address

Click the checkbox to configure a fixed IP address for the client. With this function enabled, select a network and specify an IP address for the client. To view and configure networks, refer to [4.3 Configure Wired Networks](#).

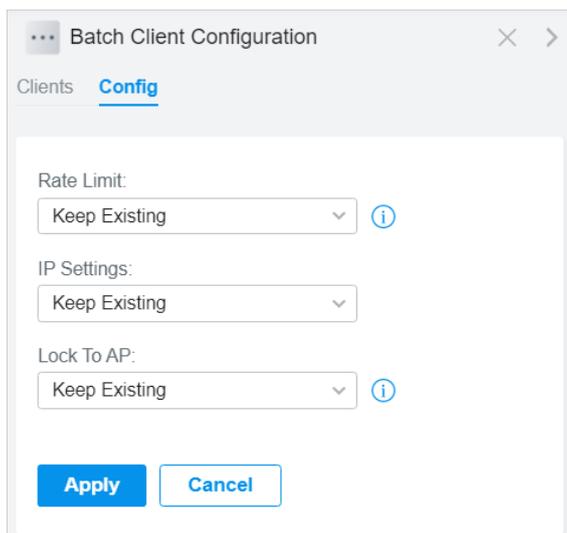
Note: An Omada-managed gateway is required for this function. Otherwise, you cannot set a fixed IP address for the client.

Lock To AP

Enable the function, and select one or multiple APs, then the client will be locked to the selected APs. This feature helps prevent a static client from roaming frequently between multiple APs.

Monitor and Manage Multiple Clients

To manage multiple clients at the same time, click , select multiple clients, and click [Edit Selected](#). Then you can configure the following parameters under the Config tab.



Batch Client Configuration

Clients **Config**

Rate Limit:
Keep Existing ⓘ

IP Settings:
Keep Existing

Lock To AP:
Keep Existing ⓘ

Apply Cancel

Rate Limit

Select an existing rate limit profile, create a new rate limit profile or customize the rate limit for the clients.

Keeping Existing: The rate limit of the chosen clients will remain their current settings.

Custom: Specify the download/upload rate limit based on needs.

Disabled: The rate limit of the chosen clients will be disabled.

Note: Rate Limit on this page is only available for the clients connected to the EAPs. To limit the rate of the clients connected to the gateway or switch, go to Bandwidth Control page.

Download/Upload Limit

Click the checkbox and specify the rate limit for download/upload for wireless clients using the voucher code(s). The value of the download and upload rate can be set in Kbps or Mbps.

IP Setting

Keeping Existing: The IP setting of the chosen clients remains their current settings.

Use DHCP: The IP addresses of the clients is automatically assigned by the DHCP server, such as the Layer 3 switch and the gateway.

Use Fixed IP Address: Select a network and assign fixed IP addresses to the chosen clients manually. To view and configure networks, refer to [4.3 Configure Wired Networks](#). Note that an Omada-managed gateway is required for this function. Otherwise, you cannot set fixed IP addresses for the chosen clients.

Lock To AP

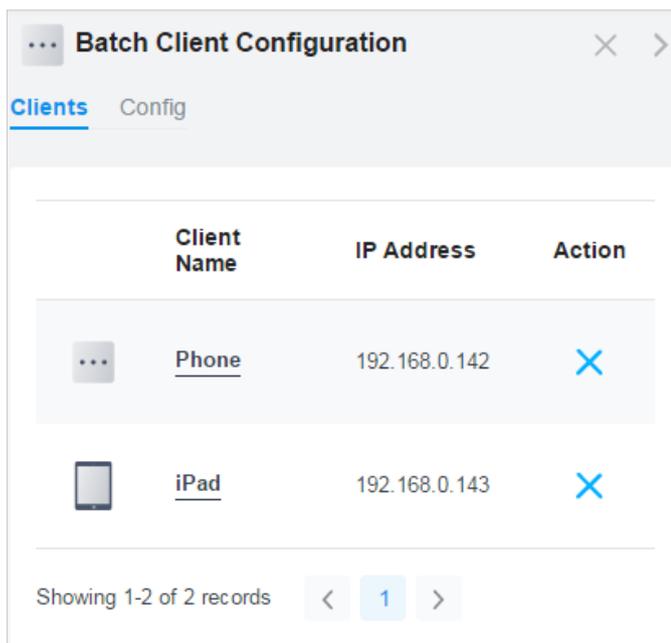
Lock to AP helps prevent static clients from roaming frequently between multiple APs.

Keeping Existing: Keep the current settings of the chosen clients.

Disabled: Disable Lock to AP of the chosen clients.

Enable: Enable Lock to AP, and select one or multiple APs, then the chosen clients will be locked to the selected APs.

You can view their names and IP addresses in the Clients tab and remove client(s) from Batch Client Configuration by clicking **X** in the Action column.



The screenshot shows a window titled "Batch Client Configuration" with a "Clients" tab selected. Below the tab is a table with the following columns: Client Name, IP Address, and Action. There are two rows of data:

Client Name	IP Address	Action
Phone	192.168.0.142	X
iPad	192.168.0.143	X

At the bottom of the table, it says "Showing 1-2 of 2 records" with navigation arrows and the number "1" in a box.

♥ 1.2 Manage Client Authentication in Hotspot Manager

Hotspot Manager is a portal management system for centrally monitoring and managing the clients authorized by portal authentication. The following four tabs are provided in the system for a easy and direct management.

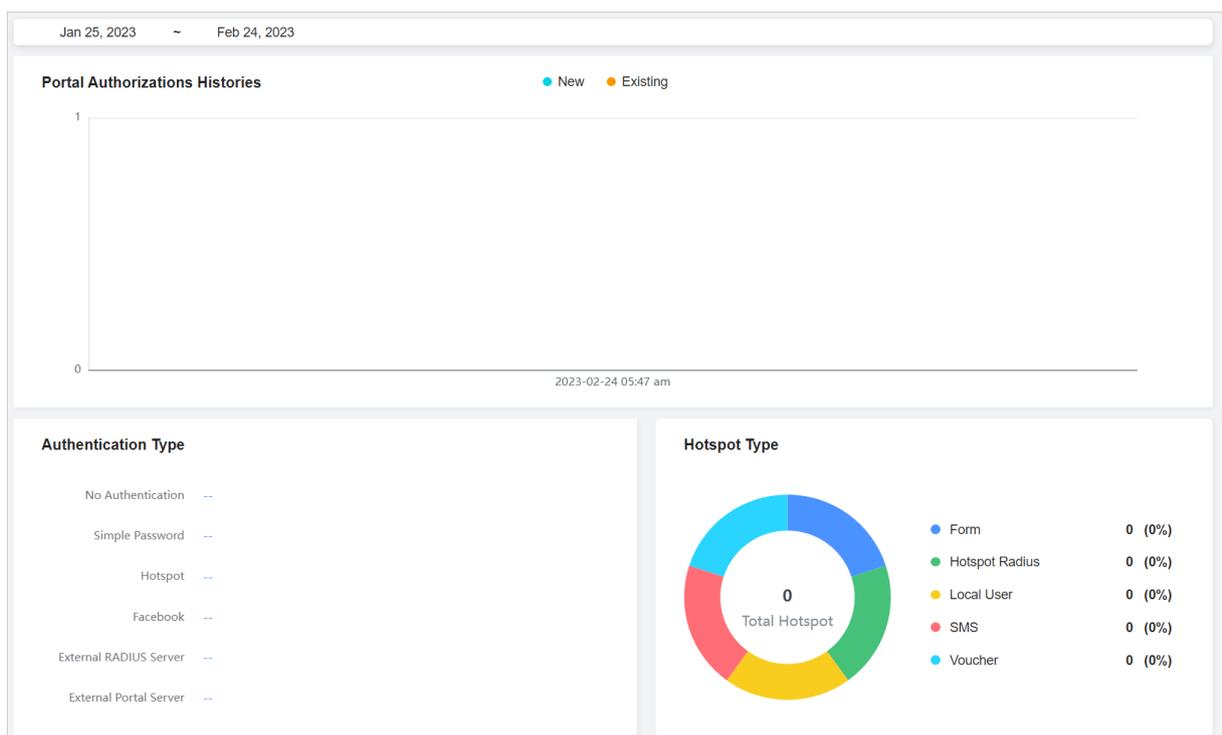
Dashboard	Monitor portal authorizations at a glance through different visualizations.
Authorized Clients	View the records of the connected and expired portal clients.
Vouchers	Create vouchers for Portal authentication, and view and manage the related information.
Local Users	Create local user accounts for Portal authentication, view their information, and manage them.
Form Auth Data	Customize your survey contents and publish it to collect data.
Operators	Create operator accounts for Hotspot management, view their information, and manage them.

To access the system, click [Hotspot Manager](#) from the drop-down list of [Organization](#). To log out of the system, click the account icon  at the upper-right corner, then click [Log Out](#).

1.2.1 Dashboard

In the dashboard, you can monitor portal authorizations at a glance through different visualizations.

To open the dashboard, click [Hotspot Manager](#) from the drop-down list of [Organization](#) and click [Dashboard](#) in the pop-up page. Specify the time period to view portal authorization histories.



1.2.2 Authorized Clients

The Authorized Clients tab is used to view and manage the clients authorized by portal system, including the expired clients and the clients within the valid period.

To open the list of Authorized Clients, click [Hotspot Manager](#) from the drop-down list of [Organization](#) and click [Authorized Clients](#) in the pop-up page. You can search certain clients using the search box, view their detailed information in the table, and manage them using the action column.

Name	MAC ADDRESS	SSID/NETWORK	AUTHORIZED BY	DOWNLOAD	UPLOAD	START TIME	STATUS	EXPIRATION TIME	ACTION
5C-1C-B9-17-9E-8F	5C-1C-B9-17-9E-8F	EAP_test	No Authentication	1.63GB	51.87MB	Jan 12, 2021 10:06:54 pm	valid	Feb 11, 2021 10:06:54 pm	
android-f867b5d1b8199bfe	C8-F2-30-5A-F9-96	EAP_test	No Authentication	467.49MB	28.72MB	Jan 12, 2021 08:49:49 pm	valid	Feb 11, 2021 08:49:49 pm	
OPPO-A8	20-82-6A-89-BE-BF	EAP_test	No Authentication	615.13KB	151.56KB	Jan 12, 2021 08:22:29 pm	valid	Feb 11, 2021 08:22:29 pm	



Click to extend the valid period of the authorized client. You can choose the preset time length or set a customized period based on needs.



Click to disconnect the authorized client(s). If you disconnect an authorized client, the client needs to be re-authenticated for the next connection.



Click to delete the expired client from the list.

1.2.3 Vouchers

The Vouchers tab is used to create vouchers and manage unused voucher codes. With voucher configured and codes created, you can distribute the voucher codes generated by the controller to clients for them to access the network via portal authentication. For detailed configurations, refer to [4.9.1 Portal](#).

Create vouchers

Follow the steps below to create vouchers for authentication:

1. Click [Hotspot Manager](#) from the drop-down list of [Organization](#) and click [Vouchers](#) in the pop-up page.

- Click **+Create Vouchers** on the lower-left, and the following window pops up. Configure the following parameters and click **Save**.

Create Vouchers

Portal:

Code Length: (6-10)

Amount: (1-500)

Type: Limited Usage Counts (1-999) ⓘ
 Limited Online Users

Duration Type: Voucher Duration ⓘ
 Client Duration ⓘ

Duration:

ⓘ Download Limit, Upload Limit, and Traffic Limit on this page are only available for wireless clients connected to the SSIDs with Portal authentication enabled. To limit the rate of wired clients connected to the switch and gateway, go to the Settings-Transmission-Bandwidth Control page.

Rate Limit:

Download Limit: Enable Kbps (1-10485760)

Upload Limit: Enable Kbps (1-10485760)

Traffic Limit: Enable ⓘ Limit traffic to MB (1-10485760)

Description: (Optional)

Save **Cancel**

Portal	Select the portal for which the vouchers will take effect.
Code Length	Specify the length of the code(s) from 6 to 10 digits.
Amount	Specify the number of voucher codes you want to create.
Type	<p>Select a type to limit the usage counts or the number of authorized users of a voucher code.</p> <p>Limited Usage Counts: The voucher code can only be used for a limited number of times within its valid period.</p> <p>Limited Online Users: The voucher code can be used for an unlimited number of times within its valid period, but only a limited number of wireless clients can access the network with this voucher code at the same time.</p>
Duration Type	Specify whether to limit the voucher duration or client duration.

Duration	Select the valid period for the voucher code(s).
Rate Limit	Select an existing rate limit profile, create a new rate limit profile or customize the rate limit for the voucher codes. Custom: Specify the download/upload rate limit based on needs.
Download/Upload Limit	Click the checkbox and specify the rate limit for download/upload for wireless clients using the voucher code(s). The value of the download and upload rate can be set in Kbps or Mbps. Note: Download/Upload Limit on this page are only available for wireless clients connected to the SSIDs with Portal authentication enabled. To limit the rate of wired clients connected to the switch and gateway, go to the Settings > Transmission > Bandwidth Control .
Traffic Limit	Click the checkbox and specify the daily/weekly/monthly/total traffic limit for the voucher, and the value of the traffic limit can be set in MB or GB. Once the limited is reached, the client(s) can no longer access the network using the voucher. Note: Traffic Limit on this page are only available for wireless clients connected to the SSIDs with Portal authentication enabled. To limit the rate of wired clients connected to the switch and gateway, go to the Settings > Transmission > Bandwidth Control .
Description (optional)	Enter notes for the created voucher code(s), and the input description is displayed in the voucher list under the voucher tab.

3. The voucher codes are generated and displayed in the table.

<input type="checkbox"/>	Code	Created Time	DOWNLOAD	UPLOAD	TRAFFIC	Notes	Duration	Type	PORTAL	Action
<input type="checkbox"/>	809532	Feb 07, 2021 05:28:07 pm	23.00 Kbps	22.00 Mbps			8.00 Hours	1	Portal_Default	
<input type="checkbox"/>	550740	Feb 07, 2021 09:28:07 pm	23.00 Kbps	22.00 Mbps			8.00 Hours	1	Portal_Default	
<input type="checkbox"/>	249399	Feb 07, 2021 05:28:07 pm	23.00 Kbps	22.00 Mbps			8.00 Hours	1	Portal_Default	
<input type="checkbox"/>	667766	Feb 07, 2021 09:28:07 pm	23.00 Kbps	22.00 Mbps			8.00 Hours	1	Portal_Default	
<input type="checkbox"/>	866876	Feb 07, 2021 05:28:07 pm	23.00 Kbps	22.00 Mbps			8.00 Hours	1	Portal_Default	

Select 0 of 5 items [select all](#) Showing 1-5 of 5 records < 1 > 10 /page Go To page: [GO](#)

[+ Create Vouchers](#)



The voucher code can be used for an unlimited number of times within its valid period, but only a limited number of wireless clients can access the internet with this voucher code at the same time. The number on the right shows the limited number of users.



The voucher code can only be used for a limited number of times within its valid period. The number on the right shows the limited number of authentication times.

4. Print the vouchers. Click  to print a single voucher, or click checkboxes of vouchers and click  [Print Selected Vouchers](#) to print the selected vouchers. And you can click  [Print All Unused Vouchers](#) to print all unused vouchers.

307690 <u>Valid for 8h</u> Limited Usage Counts One	084520 <u>Valid for 8h</u> Limited Usage Counts One
924665 <u>Valid for 8h</u> Limited Usage Counts One	232608 <u>Valid for 8h</u> Limited Usage Counts One
701945 <u>Valid for 8h</u> Limited Usage Counts One	473875 <u>Valid for 8h</u> Limited Usage Counts One
141716 <u>Valid for 8h</u> Limited Usage Counts One	999934 <u>Valid for 8h</u> Limited Usage Counts One
825813 <u>Valid for 8h</u> Limited Usage Counts One	180815 <u>Valid for 8h</u> Limited Usage Counts One

5. Distribute the vouchers to clients, and then they can use the codes to pass authentication. If a voucher code expires, it will be automatically removed from the list.
6. To delete certain vouchers manually, click  to delete a single voucher, or  [Delete](#) to delete multiple voucher codes at a time.

1.2.4 Local Users

The Local Users tab is used to create user accounts for authentication. With the Local User configured, clients are required to enter the username and password to pass the authentication. You can create multiple accounts and assign them to different users. For detailed configurations, refer to [4.9.1 Portal](#).

Create Local Users

There are two ways to create local user accounts: create accounts on the page and import from a file. To create local user accounts, follow the steps below.

1. Click [Hotspot Manager](#) from the drop-down list of [Organization](#) and click [Local Users](#) in the pop-up page.
2. Create Local User accounts through two different ways.

■ Create Local User accounts

Click [+Create User](#) on the lower-left, and the following window pops up. Configure the following parameters and click [Save](#).

Create User

Portal:

Username:

Password:

Status: Enable

Authentication Timeout: in Asia/Hong_Kong

MAC Address Binding Type:

Maximum Users: (1-2048)

Name: (Optional)

Telephone: (Optional)

! Download Limit, Upload Limit, and Traffic Limit on this page are only available for wireless clients connected to the SSIDs with Portal authentication enabled. To limit the rate of wired clients connected to the switch and gateway, go to the Settings-Transmission-Bandwidth Control page.

Rate Limit:

Download Rate Limit: Enable Kbps (1-10485760)

Upload Rate Limit: Enable Kbps (1-10485760)

Traffic Limit: Enable Limit traffic to MB (1-10485760)

Portal

Select the portal for which the local users will take effect.

Username

Specify the username. The username should be different from the existing ones, and it is not editable once it is created.

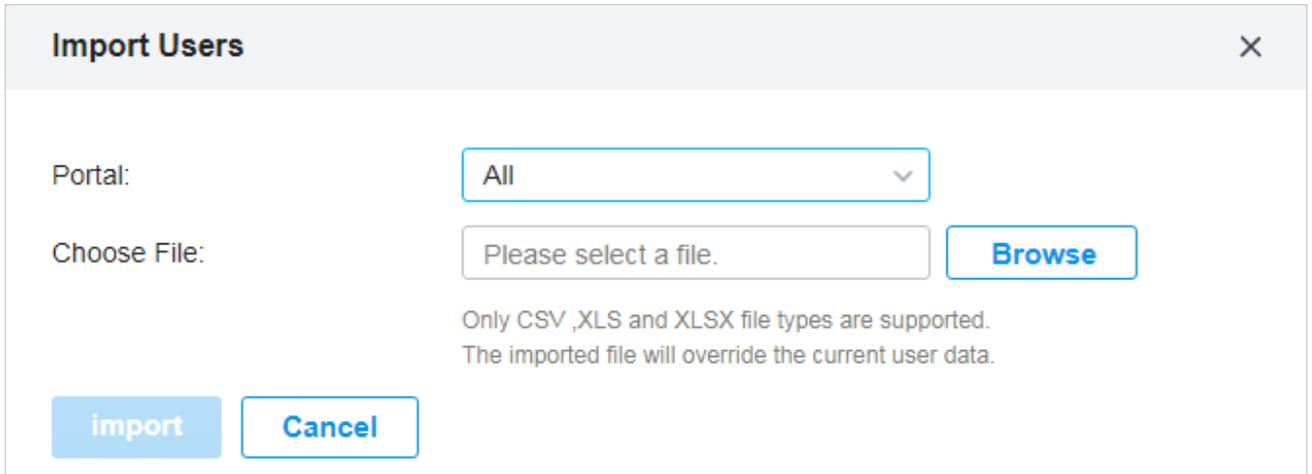
Password

Specify the password. Local users are required to enter the username and password to pass authentication and access the network.

Status	When the status is enabled, it means the user account is valid. You can disabled the user account, and enable it later when needed.
Authentication Timeout	Specify the authentication timeout for local users. After timeout, the users need to log in again on the authentication page to access the network.
MAC Address Binding Type	<p>There are three types of MAC binding: No Binding, Static Binding and Dynamic Binding.</p> <p>No Binding: No MAC address is bound to the local user account.</p> <p>Static Binding: Bind a MAC address to this user account manually. Then only the user with the this MAC address can use the username and password to pass the authentication.</p> <p>Dynamic Binding: The MAC address of the first user that passes the authentication will be bound to this account. Then only this user can use the username and password to pass the authentication.</p>
Maximum Users	Specify the maximum number of users that can use this account to pass the authentication.
Name (optional)	Specify a name for identification.
Telephone (optional)	Specify a telephone number for identification.
Rate Limit	<p>Select an existing rate limit profile, create a new rate limit profile or customize the rate limit for the local users.</p> <p>Custom: Specify the download/upload rate limit based on needs.</p>
Download/Upload Limit	<p>Click the checkbox and specify the rate limit for download/upload for users of the local user account. The value of the download/upload rate can be set in Kbps or Mbps.</p> <p>Note: Download/Upload Limit on this page are only available for wireless clients connected to the SSIDs with Portal authentication enabled. To limit the rate of wired clients connected to the switch and gateway, go to the Settings >Transmission > Bandwidth Control.</p>
Traffic Limit	<p>Click the checkbox and specify the daily/weekly/monthly/total traffic limit for the local user account, and the value of the traffic limit can be set in MB or GB. Once the limited is reached, the user(s) can no longer access the network using this account.</p> <p>Note: Traffic Limit on this page are only available for wireless clients connected to the SSIDs with Portal authentication enabled. To limit the rate of wired clients connected to the switch and gateway, go to the Settings > Transmission > Bandwidth Control.</p>

■ **Create Local User accounts from files.**

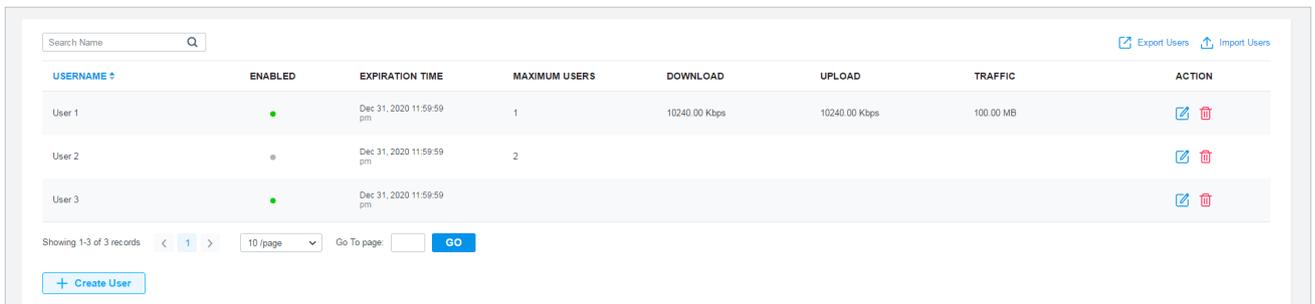
Click  [Import Users](#) on the upper-right, and the following window pops up. Select a file in the format of CVS or Excel, and click [Import](#). To see required parameters and corresponding explanation, refer to [Create Local User accounts](#). Note that the imported file will override the current user data.



Portal

Select the portal to which the local users will be imported.

3. The local user account(s) will be created and displayed in the module. You can view the information of the created local users, search certain accounts through the name, and use icons for management.



 [Import Users](#)

Click to add local user(s) from files in the format of CVS or Excel. It is recommended when you need to create local users in batches. Select the portals based on needs, and the local users will be imported to the chosen portal.

Note that the imported file will override the current user data.

 [Export Users](#)

Click to export the local user(s) to files in the format of CVS or Excel. Select the portals based on needs, and the local users of the chosen portal will be exported.



Click to edit the parameters for the local user.



Click to delete the local user.

1. 2. 5 Form Auth Data

The Form Auth Data tab is used to create and manage surveys. You can customize your survey contents and publish it to collect data.

Create Surveys

To create surveys, follow the steps below.

1. Click **Hotspot Manager** from the drop-down list of **Organization** and click **Form Auth Data** in the pop-up page.
2. Click **Create New Survey** and the following window pops up.

3. Specify the survey name and duration, then customize the contents.
4. Preview and save the settings or publish the survey.
5. The surveys are created and displayed in the table. You can use icons for management.

USERNAME	PASSWORD	NOTES	ACTION
Operator 1	for default site	
Operator 2	for site 2	

Showing 1-2 of 2 records | 10/page | Go To page: **GO**

[+ Create Operator](#)



Click to edit the parameters for the entry.



Click to delete the entry.



Click for more management options: copy, export data, and delete.

1.2.6 Operators

The Operators tab is used to manage and create operator accounts that can only be used to remotely log in to the Hotspot Manager system and manage vouchers and local users for specified sites. The operators have no privileges to create operator accounts, which offers convenience and ensures security for client authentication.

Create Operators

To create operator accounts, follow the steps below.

1. Click [Hotspot Manager](#) from the drop-down list of [Organization](#) and click [Operators](#) in the pop-up page.
2. Click [+ Create Operator](#) on the lower-left, and the following window pops up.

Create Operator

Username:

Password:

Description: (Optional)

Site Privileges:

[Save](#) [Cancel](#)

3. Specify the username, password and description (optional) for the operator account. Then select sites from the drop-down list of [Site Privileges](#). Click [Save](#).
4. The operator accounts are created and displayed in the table. You can view the information of the create operator accounts on the page, search certain accounts through the name and notes, and use icons for management.

USERNAME	PASSWORD	NOTES	ACTION
Operator 1	for default site	
Operator 2	for site 2	

Showing 1-2 of 2 records < 1 > 10/page Go To page: [GO](#)

[+ Create Operator](#)



Click to edit the parameters for the operator account.



Click to delete the operator account.

5. Then you can use an operator account to log in to the Hotspot Manager system:

- **For software controller**

Visit the URL <https://Omada Controller Host's IP Address:8043/ControllerID/login/#hotspot> (for example: <https://192.168.0.174:8043/4d4ede7983bb983545d017c628feaa3d/login/#hotspot>), and use the operator account to enter the hotspot manager system.

- **For hardware controller**

Visit the URL <https://Omada Controller Host's IP Address:443/ControllerID/login/#hotspot> (for example: <https://192.168.0.174:443/4d4ede7983bb983545d017c628feaa3d/login/#hotspot>), and use the operator account to enter the hotspot manager system.

- **For cloud-based controller**

Visit the URL <https://URL of the controller/ControllerID/login/#hotspot>, and use the operator account to enter the hotspot manager system.