

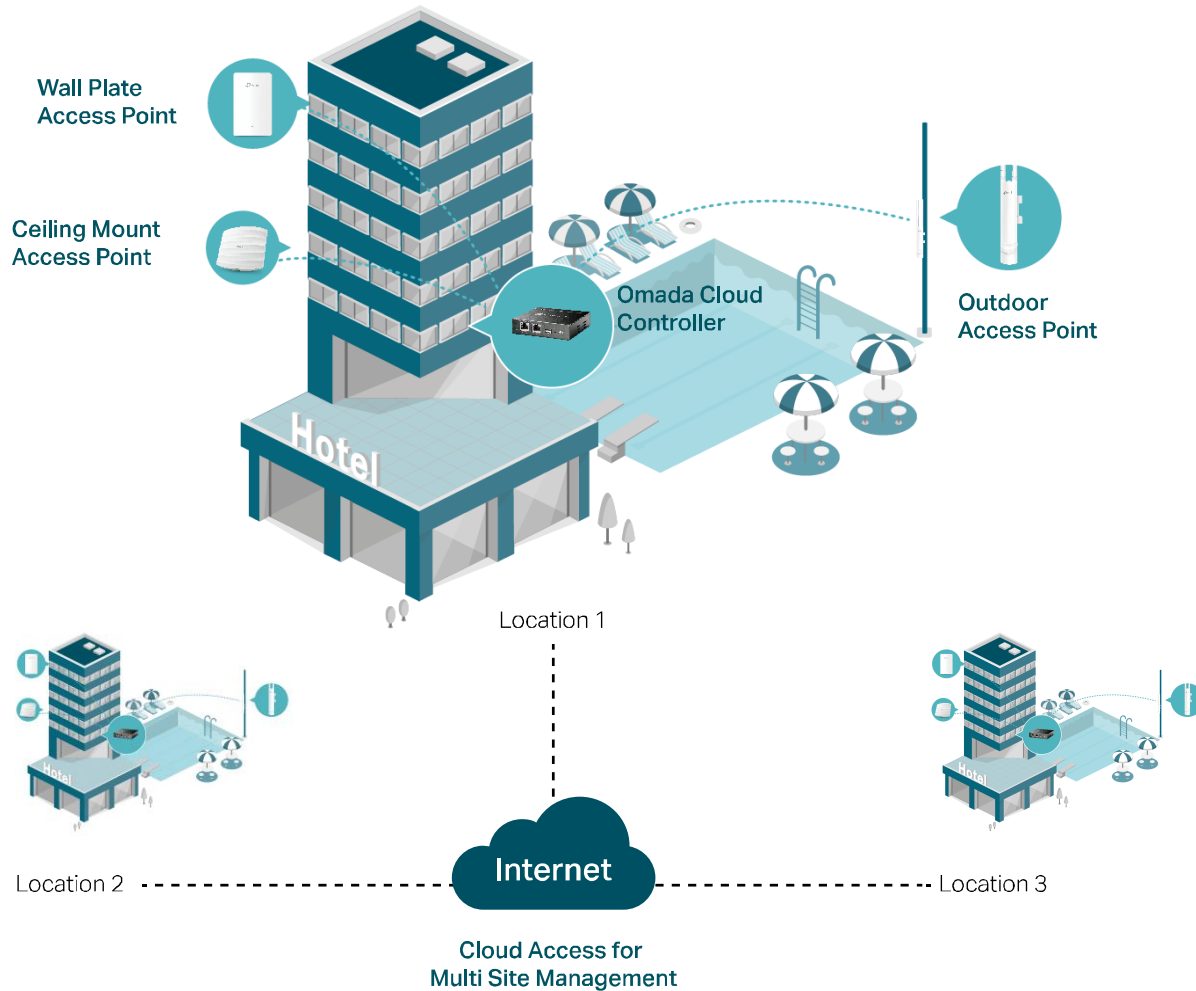
# TP-link Omada EAP Setting Guide

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# Omada ビジネス Wi-Fi ソリューション



## Omada Family Now

### Omada Centralized Management Platform



Omada Cloud Controller  
OC200



Omada Software  
Controller

### Omada Access Points



Ceiling Mount AP  
EAP245



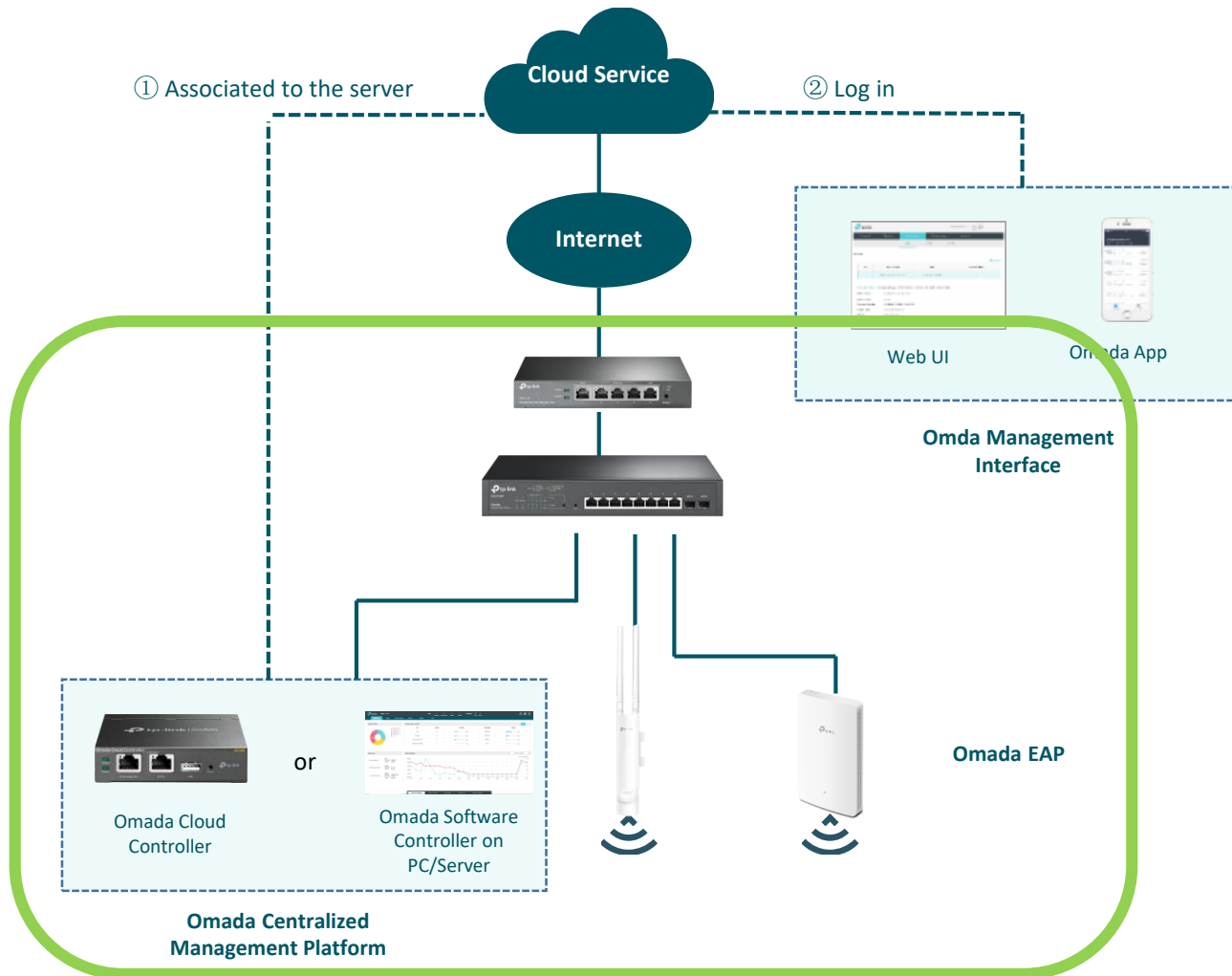
Wall Plate AP  
EAP225-Wall



Outdoor AP  
EAP225-Outdoor



## Omada ビジネス Wi-Fi トポロジー



### 準備物:

①DHCPサーバー(ルーター)

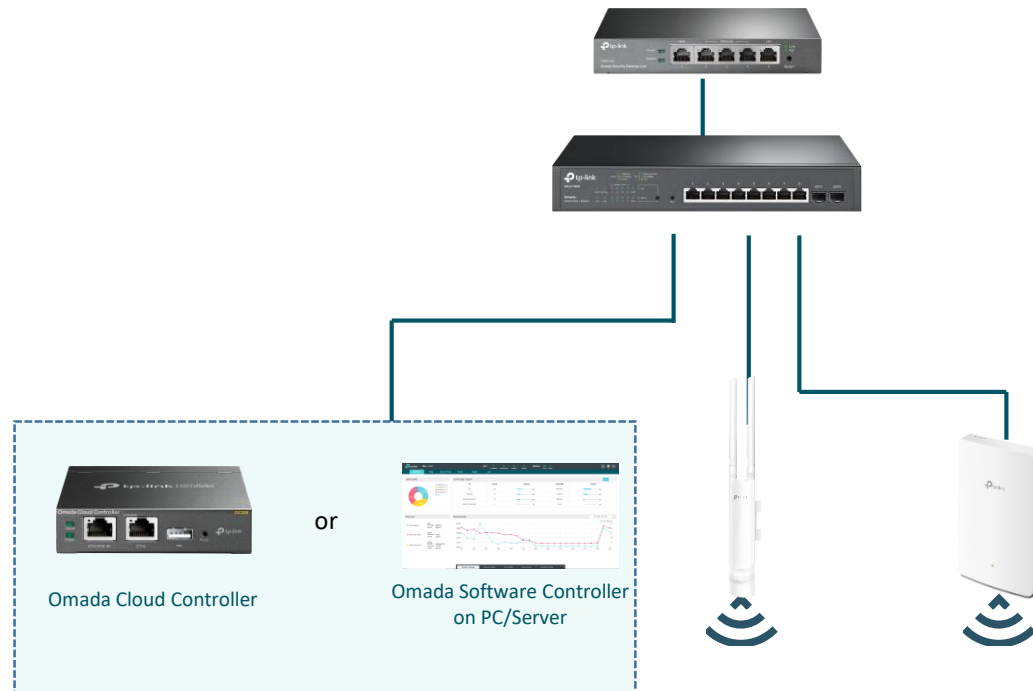
②スイッチ

③コントローラー(OC200)

④AP



## Omada ビジネス Wi-Fi 設定方法：①結線、通電



PoEスイッチがない場合：

APは同梱のインジェクターを使用

OC200はmicrousbで給電可能

## Omada ビジネス Wi-Fi 設定方法 : ②コントローラー管理アドレス確認

TL-ER6020

192.168.0.1/webpages/index.html

tp-link

TL-ER6020  
SafeStream Gigabit Multi-WAN VPN Router

Status LAN DHCP Server DHCP Client List Address Reservation

Network

- WAN
- LAN
- IPTV
- MAC
- Switch
- VLAN
- IPv6

Preferences

Transmission

Firewall

Behavior Control

VPN

Authentication

Services

System Tools

Logout

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DHCP Client List

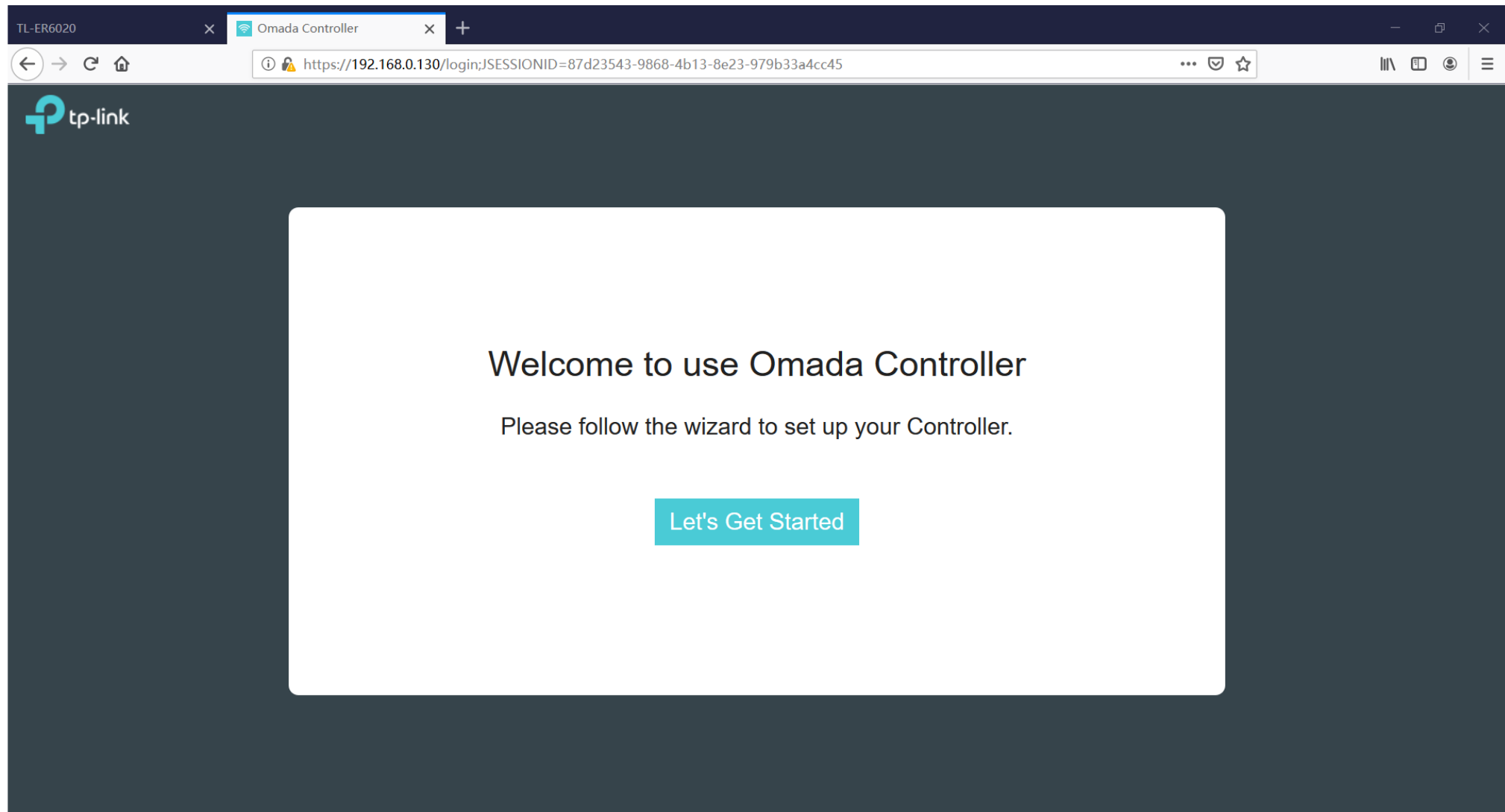
Total Clients: 4 Refresh

| ID | Client Name                      | MAC Address       | Assigned IP Address | Lease Time | Operation |
|----|----------------------------------|-------------------|---------------------|------------|-----------|
| 1  | LAPTOP-J05KFH37                  | 8C-16-45-81-1E-C9 | 192.168.0.149       | 1:58:29    |           |
| 2  | EAP225-Outdoor-B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142       | 1:57:30    |           |
| 3  | OC200_255746                     | 0C-80-63-25-57-46 | 192.168.0.130       | 1:56:59    |           |
| 4  | EAP225-Wall-AC-84-C6-F6-25-80    | AC-84-C6-F6-25-80 | 192.168.0.152       | 1:56:33    |           |

- ・DHCPサーバーのクライアントリストでOC200のIPアドレスを確認
- ・ソフトウェアのコントローラをご使用の場合はパソコンのIPアドレスをご確認



## Omada ビジネス Wi-Fi 設定方法：③コントローラーの初期設定－ 1 Welcome画面





## Omada ビジネス Wi-Fi 設定方法：③コントローラー初期設定－２名前と時間

TL-ER6020 x Omada Controller x +

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45

tp-link

1 2 3 4 5 6  
Controller Name User Account AP Configuration Wireless Network Cloud Access Summary

Give a controller name and select the time zone.

Controller Name:  (1-32 characters)

Time Zone:

Next



## Omada ビジネス Wi-Fi 設定方法：③コントローラーの初期設定－3 管理者名とパスワード

TL-ER6020 x Omada Controller x +

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45

tp-link

1 2 3 4 5 6  
Controller Name User Account AP Configuration Wireless Network Cloud Access Summary

**Set up a Username and Password for local login.**

Username:  (4-32 characters)

Password:  (6-32 characters, only numbers and letters.)

Confirm Password:

Email Address:  (Optional. Enter your email address to receive mails for resetting your password. The mails are sent from the mail server you set after logging into the Omada Controller.)

Back Next





## Omada ビジネス Wi-Fi 設定方法：③コントローラーの初期設定－4 AP選択

TL-ER6020 x Omada Controller x +

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45

tp-link

1 2 3 4 5 6  
Controller Name User Account AP Configuration Wireless Network Cloud Access Summary

Select the APs to configure.

| <input checked="" type="checkbox"/> | AP Name           | IP Address    | Model              | Hardware Version |
|-------------------------------------|-------------------|---------------|--------------------|------------------|
| <input checked="" type="checkbox"/> | B0-BE-76-7B-B1-CA | 192.168.0.142 | EAP225-Outdoor(EU) | 1.0              |
| <input checked="" type="checkbox"/> | AC-84-C6-F6-25-80 | 192.168.0.152 | EAP225-Wall(EU)    | 2.0              |

<< < 1 > >> A total of 1 page(s) Page to:  GO

Back Skip Next



## Omada ビジネス Wi-Fi 設定方法：③コントローラーの初期設定－5 ネットワーク基本情報

TL-ER6020 x Omada Controller x +

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45

tp-link

1 2 3 4 5 6  
Controller Name User Account AP Configuration Wireless Network Cloud Access Summary

Create wireless networks.

Network Name: RTtest (1-32 characters)

Password: ●●●●●● (WPA2-PSK)

Back Skip Next



## Omada ビジネス Wi-Fi 設定方法：③コントローラーの初期設定－6 クラウドアカウント登録

TL-ER6020 x Omada Controller x +

← → ↺ 🏠 ⓘ 🛡️ https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45 ... 🛡️ ☆ 📄 📱 ☰

 tp-link

1

2

3

4

5

6

Controller Name

User Account

AP Configuration

Wireless Network

Cloud Access

Summary

**Log in and bind your TP-Link ID.**

Cloud Access: ☒ ?

Email:

Password:

[Log in and bind](#) No TP-Link ID? [Register now.](#)

[Back](#) [Skip](#) [Next](#)



## Omada ビジネス Wi-Fi 設定方法：③コントローラーの初期設定－ 7 最終確認

TL-ER6020 x Omada Controller x +

← → ↺ 🏠 <https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45> ... 🛡️ ☆ 📄 👤 ☰

 tp-link

1

2

3

4

5

6

Controller Name

User Account

AP Configuration

Wireless Network

Cloud Access

Summary

**Confirm the settings.**

| User Account     | Wireless Network     | Cloud Access              |
|------------------|----------------------|---------------------------|
| Username: admin  | Network Name: RTtest | Cloud Access: off         |
| Password: abc123 | Password: 12345678   | TP-Link ID: Not Logged in |

Back

Finish



## Omada ビジネス Wi-Fi 設定方法：④状態確認と細かい設定－１ログイン

TL-ER6020 x Omada Controller x +

← → ↻ 🏠 <https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45> ⋮ 📄 📷 ☰

tp-link

Log in

[Forgot password?](#)



## Omada ビジネス Wi-Fi 設定方法：④状態確認と細かい設定－2 AP状態確認

The screenshot shows the Omada Controller web interface. The top navigation bar includes the TP-Link logo, 'Sites: Default', and status counts for APs (2 Connected, 0 Disconnected, 0 Isolated, 0 Pending) and Stations (0 Users, 0 Guests). The 'Access Points' tab is selected in the main navigation. Below the navigation bar, there are tabs for 'All', 'Connected', 'Disconnected', 'Isolated', and 'Pending'. The 'All' tab is active. A search bar and filter tabs ('Overview', 'Config', 'Performance', 'Mesh Network') are present. The main content area displays a table of access points. The 'Status' column for both listed APs shows 'Connected', which is highlighted with a blue box. A blue arrow points to a circular refresh icon in the top right corner of the interface.

| AP Name           | MAC Address       | IP Address    | Status    | Model              | Hardware Version | Firmware Version                | Channel          | Client Number | Download | Upload  | Action  |
|-------------------|-------------------|---------------|-----------|--------------------|------------------|---------------------------------|------------------|---------------|----------|---------|---------|
| B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 1(2.4G), 40(5G)  | 0             | 0 Bytes  | 0 Bytes | [Icons] |
| AC-84-C6-F6-25-80 | AC-84-C6-F6-25-80 | 192.168.0.152 | Connected | EAP225-Wall(EU)    | 2.0              | 1.1.0 Build 20181122 Rel. 42616 | 11(2.4G), 40(5G) | 0             | 0 Bytes  | 0 Bytes | [Icons] |

Page Size: 10 | A total of 1 page(s) | Page to: [ ] | GO

画面内容更新ボタン



## Omada ビジネス Wi-Fi 設定方法：④状態確認と細かい設定－3 設定変更

TL-ER6020 x Omada Controller x +

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45#accessPoints

tp-link Sites: Default v APs: 2 0 0 0 Stations: 0 0  
Connected Disconnected Isolated Pending Users Guests

Statistics Map Access Points Clients Insight Log

All All Connected Disconnected Isolated Pending

Name, MAC Address, IP Overview Config Performance Mesh Network Forget All

| AP Name           | MAC Address       | IP Address    | Status    | Model              | Hardware Version | Firmware Version                | Channel          | Client Number | Download | Upload  | Action                                                                                                                                                                                                                                                                                                                                          |
|-------------------|-------------------|---------------|-----------|--------------------|------------------|---------------------------------|------------------|---------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 1(2.4G), 40(5G)  | 0             | 0 Bytes  | 0 Bytes |     |
| AC-84-C6-F6-25-80 | AC-84-C6-F6-25-80 | 192.168.0.152 | Connected | EAP225-Wall(EU)    | 2.0              | 1.1.0 Build 20181122 Rel. 42616 | 11(2.4G), 40(5G) | 0             | 0 Bytes  | 0 Bytes |     |

Page Size: 10

Wireless Settings Wireless Control Site Settings Cloud Access Controller Settings A total of 1 page(s) Page to: GO

Basic Wireless Setting Advanced Wireless Setting Band Steering Mesh

2.4GHz 5GHz WLAN Group: Default + ?

+ Add

| ID | SSID Name | Security | SSID Isolation | Portal   | Access Control Rule | Rate Limit | Action                                                                                                                                                                      |
|----|-----------|----------|----------------|----------|---------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | RTtest    | WPA-PSK  | Disabled       | Disabled | None                | Disabled   |   |

<< < 1 > >> A total of 1 page(s) Page to: GO



## Omada ビジネス Wi-Fi 設定方法：④状態確認と細かい設定－４クラウドアカウント紐付け

The screenshot displays the Omada Controller web interface. The top navigation bar shows the TP-Link logo, 'Sites: Default', and status counts for APs (2 Connected, 0 Disconnected, 0 Isolated, 0 Pending) and Stations (0 Users, 0 Guests). The 'Access Points' tab is selected in the main menu. Below the menu, a table lists the connected access points.

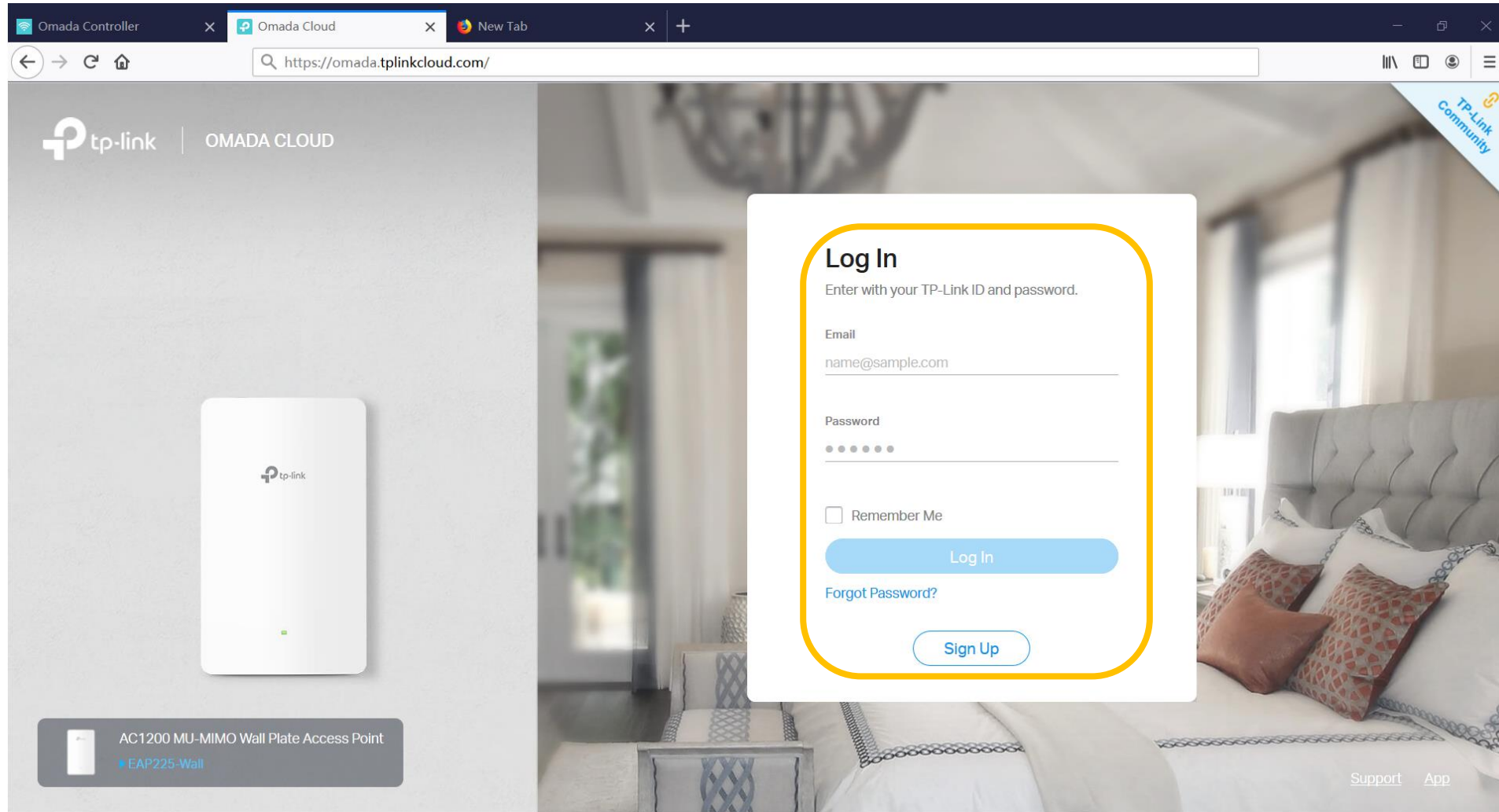
| AP Name           | MAC Address       | IP Address    | Status    | Model              | Hardware Version | Firmware Version                | Channel          | Client Number | Download | Upload  | Action  |
|-------------------|-------------------|---------------|-----------|--------------------|------------------|---------------------------------|------------------|---------------|----------|---------|---------|
| B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 1(2.4G), 40(5G)  | 0             | 0 Bytes  | 0 Bytes | [Icons] |
| AC-84-C6-F6-25-80 | AC-84-C6-F6-25-80 | 192.168.0.152 | Connected | EAP225-Wall(EU)    | 2.0              | 1.1.0 Build 20181122 Rel. 42616 | 11(2.4G), 40(5G) | 0             | 0 Bytes  | 0 Bytes | [Icons] |

Below the table, the 'Page Size' is set to 10. A modal window titled 'Cloud Access' is open, showing the 'Cloud Access' toggle switch turned on. The modal contains a form to log in and bind a TP-Link ID, with fields for Email (jimmy.he@tp-link.com) and Password. A 'Log in and bind' button is at the bottom of the modal.





## Omada ビジネス Wi-Fi 設定方法：⑤クラウドで遠隔操作－１アカウントアクセス





## Omada ビジネス Wi-Fi 設定方法：⑤クラウドで遠隔操作－2 コントローラー選択

Omada Controller x Omada Cloud x New Tab

https://omada.tplinkcloud.com/login;JSESSIONID=a1-11b6d40deb384aa4bae81e4c9a010041

tp-link | OMADA CLOUD

All OC200 Software Controller [Add Cloud Controller](#)

| NAME                    | MAC ADDRESS       | LOCAL IP      | STATUS  | SITES | DEVICES | CLIENTS | ALERTS | VERSION | FIRMWARE                       | ACTION                                        |
|-------------------------|-------------------|---------------|---------|-------|---------|---------|--------|---------|--------------------------------|-----------------------------------------------|
| OC200_72C755            | -                 | 10.146.0.2    | Online  | 1     | 0       | 0       | 16     | 3.2.1   | -                              | <a href="#">Launch</a> <a href="#">Unbind</a> |
| OC200_RTCtest           | OC-80-63-25-57-46 | 192.168.0.130 | Online  | 1     | 2       | 0       | 2      | 3.0.4   | 1.0.3 Build 20181016 Rel.33052 | <a href="#">Launch</a> <a href="#">Unbind</a> |
| Omada Controller_asdfec | -                 | -             | Offline | -     | -       | -       | -      | 3.2.1   | -                              | <a href="#">Launch</a> <a href="#">Unbind</a> |

Page Size: 10 << < 1 > >>



## Omada ビジネス Wi-Fi 設定方法：⑤クラウドで遠隔操作

The screenshot displays the Omada Cloud web interface in a browser. The address bar shows the URL <https://omada.tplinkcloud.com/omada/3.0.4/launch?token=3f769f5f60d14752b7e7a612959294ff&deviceId=15F3871E20D49AFE7C>. The interface includes a top navigation bar with tabs for Statistics, Map, Access Points, Clients, Insight, and Log. The main content area is divided into several sections:

- Clients of SSID:** A section that is currently empty, displaying "Waiting For Data."
- Current Usage - Top APs:** A table showing the top access points by usage. The table has columns for AP, Clients, %Clients, Traffic(MB), and %Traffic. Two APs are listed: B0-BE-76-7B-B1-CA and AC-84-C6-F6-25-80, both with 0 clients and 0% traffic.
- Quick Look:** A section providing a summary of network activity. It shows the Most Active AP as AC-84-C6-F6-25-80 with 0 Bytes download and 0 Bytes upload. The Most Active Client and All-time Top Client are both listed as N/A.
- Recent Activities:** A section showing a graph of network activity over time. The graph displays Traffic (blue line) and Client (red line) activity. The x-axis represents time from 8/13 16:00 to 8/14 16:00. The y-axis represents activity in MB, ranging from 1.00MB to 5.00MB.

The bottom navigation bar includes links for Wireless Settings, Wireless Control, Site Settings, Cloud Access, and Controller Settings.

# Thanks for watching

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# APPENDIX



## Omada ビジネス Wi-Fi 設定方法：メッシュネットワーク構築－1 Mesh機能を有効します。

The screenshot shows the Omada Controller web interface. The top navigation bar includes 'Statistics', 'Map', 'Access Points', 'Clients', 'Insight', and 'Log'. The 'Access Points' tab is active, showing a list of connected APs. The 'Mesh' tab is selected in the 'Wireless Settings' panel. The 'Mesh' checkbox is checked, and the 'Full-Sector DFS' checkbox is also checked. A blue arrow points from the Japanese text '室外モード' (Outdoor Mode) to the 'Full-Sector DFS' checkbox.

| AP Name           | MAC Address       | IP Address    | Status      | Model              | Hardware Version | Firmware Version                | Channel | Client Number | Download | Upload  | Action |
|-------------------|-------------------|---------------|-------------|--------------------|------------------|---------------------------------|---------|---------------|----------|---------|--------|
| B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142 | Configuring | EAP225-Outdoor(FH) | 1.0              | 1.4.2 Build 20190613 Rel. 52314 | 40(5G)  | 0             | 0 Bytes  | 0 Bytes |        |
| AC-84-C6-F6-25-80 | AC-84-C6-F6-25-80 |               |             |                    |                  |                                 |         |               |          |         |        |

Wireless Settings

Basic Wireless Setting | Advanced Wireless Setting | Band Steering | **Mesh**

Mesh: ☒ Enable

Note: If the Mesh function is disabled, the connected wireless APs will lose the connection.

Auto Failover: ☒ Enable

Connectivity Detection: ☒ Auto (Recommended) ☐ Custom IP Address

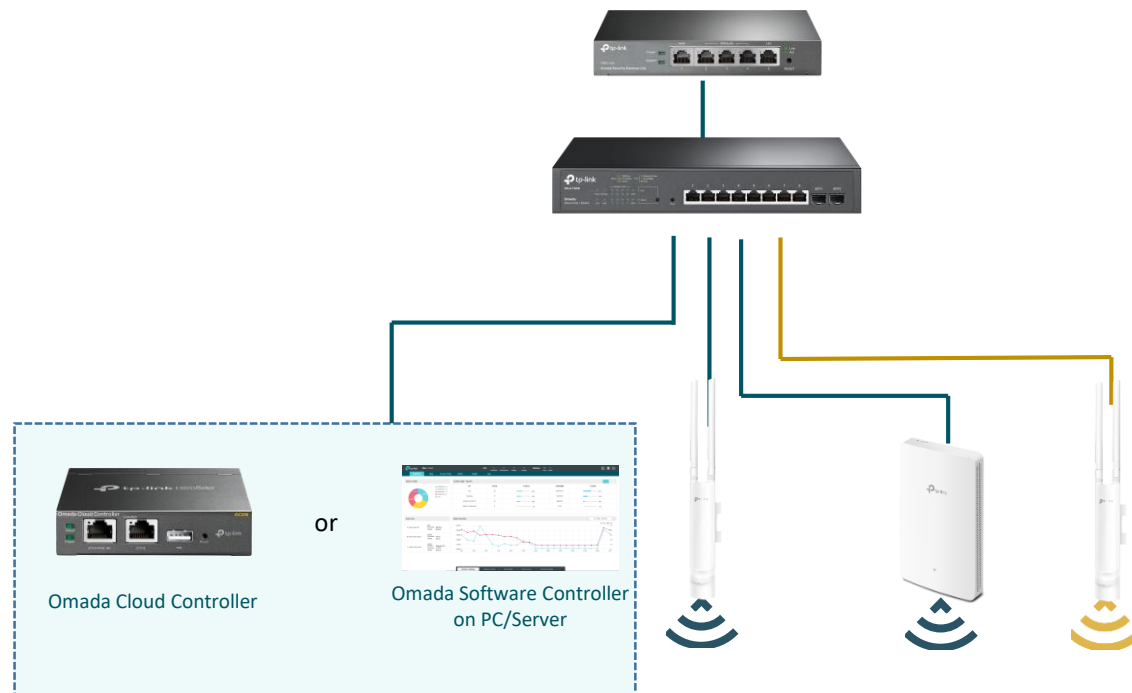
Full-Sector DFS: ☒ Enable

Apply

室外モード



## Omada ビジネス Wi-Fi 設定方法：メッシュネットワーク構築－2 トポロジー変更



APをすでに登録済みの場合：

2(トポロジー変更)

3(アクセスポイント登録)を無視してください



## Omada ビジネス Wi-Fi 設定方法：メッシュネットワーク構築－3 アクセスポイント登録

Omada Controller

APs: 2 Connected, 0 Disconnected, 0 Isolated, 1 Pending

Stations: 0 Users, 0 Guests

Access Points

Pending

Batch Adopt

| AP Name           | MAC Address       | IP Address    | Status  | Model              | Hardware Version | Firmware Version                | Channel | Client Number | Download | Upload  | Action |
|-------------------|-------------------|---------------|---------|--------------------|------------------|---------------------------------|---------|---------------|----------|---------|--------|
| B0-BE-76-7B-B1-E2 | B0-BE-76-7B-B1-E2 | 192.168.0.166 | Pending | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | --      | 0             | 0 Bytes  | 0 Bytes | Adopt  |

Page Size: 10

A total of 1 page(s) Page to: GO

エラーが出たら、  
APのユーザー名とパスワードを再入力  
またはAP本体の穴でRESETしてください





## Omada ビジネス Wi-Fi 設定方法：メッシュネットワーク構築－4 AP状態確認

Omada Controller New Tab

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45#accessPoints

tp-link Sites: Default APs: 3 Connected 0 Disconnected 0 Isolated 0 Pending Stations: 0 Users 0 Guests

Statistics Map Access Points Clients Insight Log

Connected All Connected Disconnected Isolated Pending

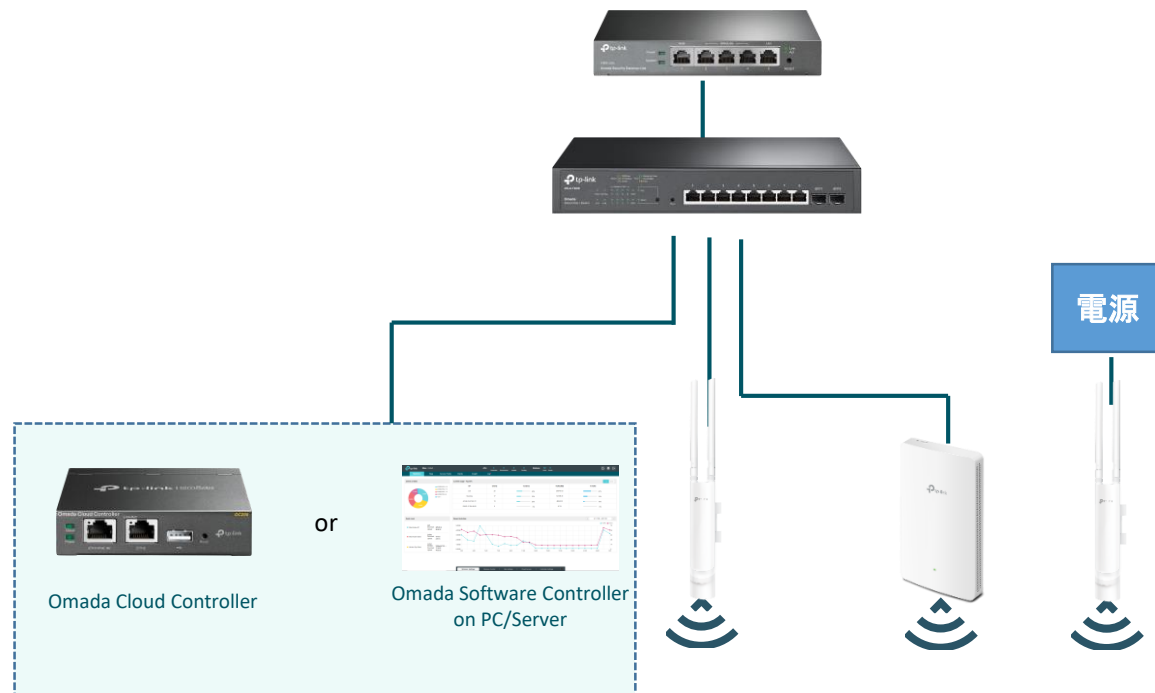
Name, MAC Address, IP Overview Config Performance Mesh Network Forget All

| AP Name           | MAC Address       | IP Address    | Status    | Model              | Hardware Version | Firmware Version                | Channel          | Client Number | Download | Upload  | Action |
|-------------------|-------------------|---------------|-----------|--------------------|------------------|---------------------------------|------------------|---------------|----------|---------|--------|
| B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 1(2.4G), 40(5G)  | 0             | 0 Bytes  | 0 Bytes |        |
| AC-84-C6-F6-25-80 | AC-84-C6-F6-25-80 | 192.168.0.152 | Connected | EAP225-Wall(EU)    | 2.0              | 1.1.0 Build 20181122 Rel. 42616 | 11(2.4G), 40(5G) | 0             | 0 Bytes  | 0 Bytes |        |
| B0-BE-76-7B-B1-E2 | B0-BE-76-7B-B1-E2 | 192.168.0.166 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 1(2.4G), 36(5G)  | 0             | 0 Bytes  | 0 Bytes |        |

Page Size: 10 << < 1 > >> A total of 1 page(s) Page to: GO



## Omada ビジネス Wi-Fi 設定方法：メッシュネットワーク構築－5 MeshAPを移動



有線接続のAPは最低1本が必須です。



## Omada ビジネス Wi-Fi 設定方法：メッシュネットワーク構築－6 MeshAP状態確認

Omada Controller

https://192.168.0.130/login;JSESSIONID=87d23543-9868-4b13-8e23-979b33a4cc45#accessPoints

tp-link Sites: Default

APs: 3 Connected 0 Disconnected 0 Isolated 0 Pending Stations: 0 Users 0 Guests

Statistics Map Access Points Clients Insight Log

Connected All Connected Disconnected Isolated Pending

Name, MAC Address, IP Overview Config Performance Mesh Network Forget All

| AP Name           | MAC Address       | IP Address    | Status    | Model              | Hardware Version | Firmware Version                | Channel         | Client Number | Download | Upload  | Action |
|-------------------|-------------------|---------------|-----------|--------------------|------------------|---------------------------------|-----------------|---------------|----------|---------|--------|
| B0-BE-76-7B-B1-CA | B0-BE-76-7B-B1-CA | 192.168.0.142 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 1(2.4G), 40(5G) | 0             | 14.88 K  | 7.72 K  |        |
| AC-84-C6-F6-25-80 | AC-84-C6-F6-25-80 | 192.168.0.152 | Connected | EAP225-Wall(EU)    | 2.0              | 1.1.0 Build 20181122 Rel. 42616 | 1(2.4G), 40(5G) | 0             | 0 Bytes  | 0 Bytes |        |
| B0-BE-76-7B-B1-E2 | B0-BE-76-7B-B1-E2 | 192.168.0.166 | Connected | EAP225-Outdoor(EU) | 1.0              | 1.4.2 Build 20190613 Rel. 53314 | 40(5G)          | 0             | 0 Bytes  | 0 Bytes |        |

Page Size: 10

<< < 1 > >> A total of 1 page(s) Page to: GO

Connected  
(Wireless)

\* :コントローラバージョンにより  
Statusの表示も違います。