



# Configuration Guide

For Facebook Portal Authentication

Omada Controller 2.6.0 or above

1910012632 REV2.6.1

July 2019

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# 1 Overview

To help users easily understand and enjoy the Facebook Portal feature, this configuration guide detailedly introduces what Facebook Portal is and how to configure Facebook Portal.

## 1.1 Facebook Portal Introduction

In Facebook Portal authentication, when customers connect to your Wi-Fi, they will be redirected to your Facebook Page. To access the internet, customers need to pass the authentication on the Page.

The following introduces the main advantages of Facebook Portal, which may help you determine whether you should choose Facebook Portal on your network.

- Advertising Business

Users connected to your Facebook Wi-Fi will be redirected to your Facebook Page where displays the desired information, such as pictures, videos, announcements and your phone number for customer feedback. Additionally, users can log in with their Facebook accounts, check in on your Facebook Page and leave a record in the Timeline, which may help advertise your business.

- Simple Network Access Authentication

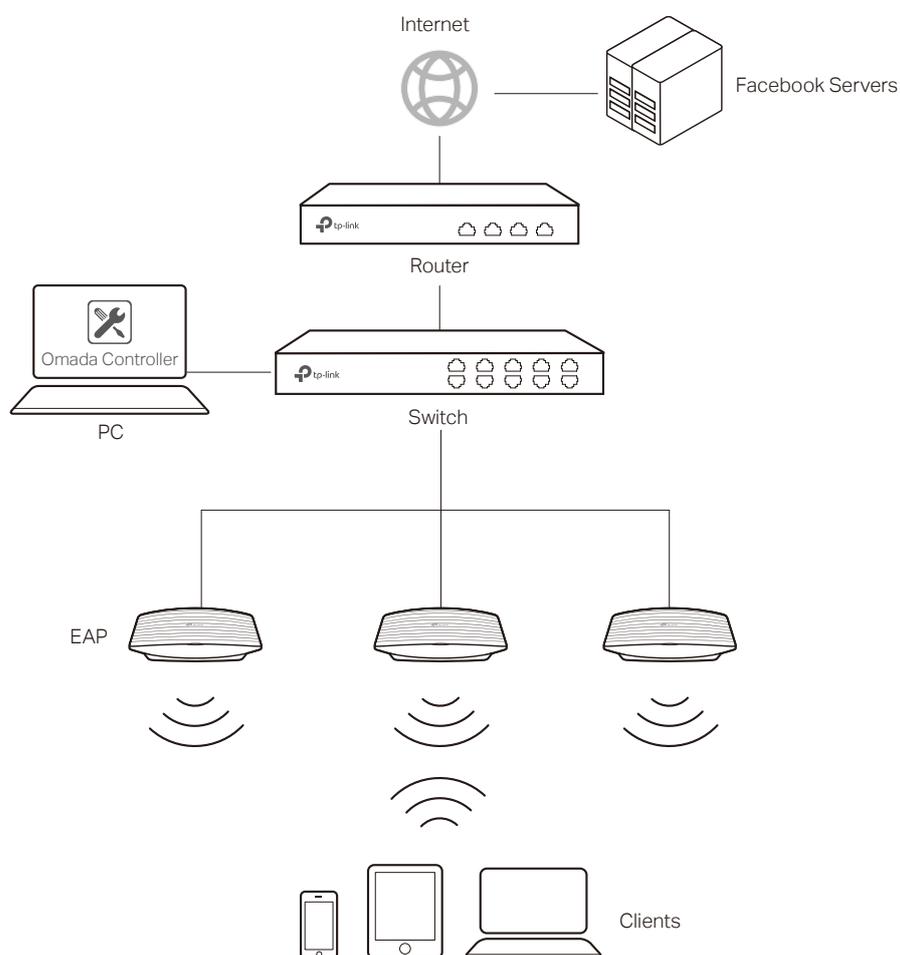
Some countries and regions require network service providers to authenticate users. For example, Russia requires all users to be authenticated before accessing the public Wi-Fi. Facebook Portal is a simple and effective access authentication method. With Facebook Portal, your customers only need to connect to your SSID and log in to their Facebook accounts or skip check-in to get authenticated.

- Feedback Collection

On your Facebook Page, you can collect the customers' comments, likes and feedback, which are very helpful for your service quality improvement.

## 1.2 Network Topology for Facebook Portal

The following figure shows the network topology for Facebook Portal.



## 1.3 Facebook Authentication Process

The process of accessing the internet via Facebook Portal authentication is as follows:

- 1) Users connect to the SSID for Facebook Portal and obtain the Facebook authentication page.
- 2) On the authentication page, there are two available authentication modes:
  - Facebook Login Mode: Users need to log in to their Facebook accounts and check in on your Facebook Page.
  - Skip Mode: Users needn't log in to their Facebook accounts. To get authenticated, they only need to enter a Wi-Fi code or simply skip the sign link.
- 3) After authenticated, users will be redirected to the authentication result page. They can continue to visit your Facebook Page.

# 2 Configure Facebook Portal

This chapter introduces how to configure Facebook Portal. The configuration overview is as follows:

- 1) Upgrade EAPs and Omada Controller.
- 2) Configure Facebook Page.
- 3) Adopt EAPs and create SSID in Omada Controller.
- 4) Configure Facebook Portal in Omada Controller.

## 2.1 Upgrade EAPs and Omada Controller

To get the newly developed Facebook Portal feature, make sure that both of your EAPs and Omada Controller are upgraded to the latest versions:

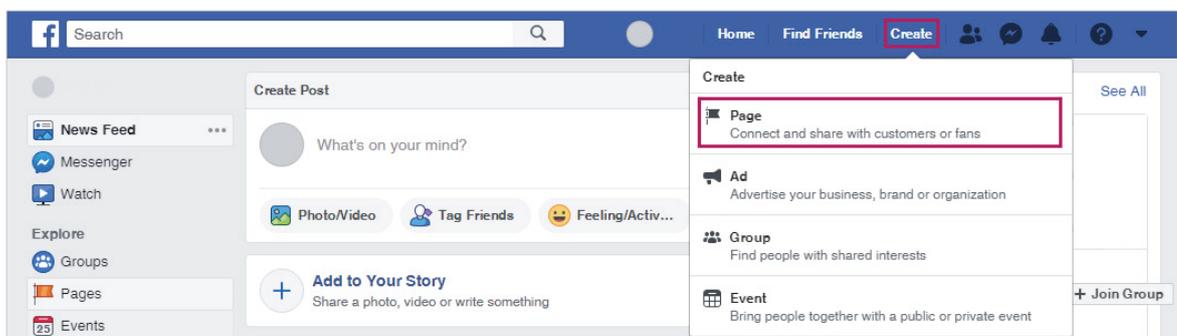
- EAP: The version which supports V2.6.0 or above.
- Omada Controller: V2.6.0 or above.

Go to the download center <https://www.tp-link.com/download-center.html> and search your EAP models and Omada Controller. Then download the latest upgrade files one by one and upgrade the EAPs and Omada Controller using the proper downloaded files.

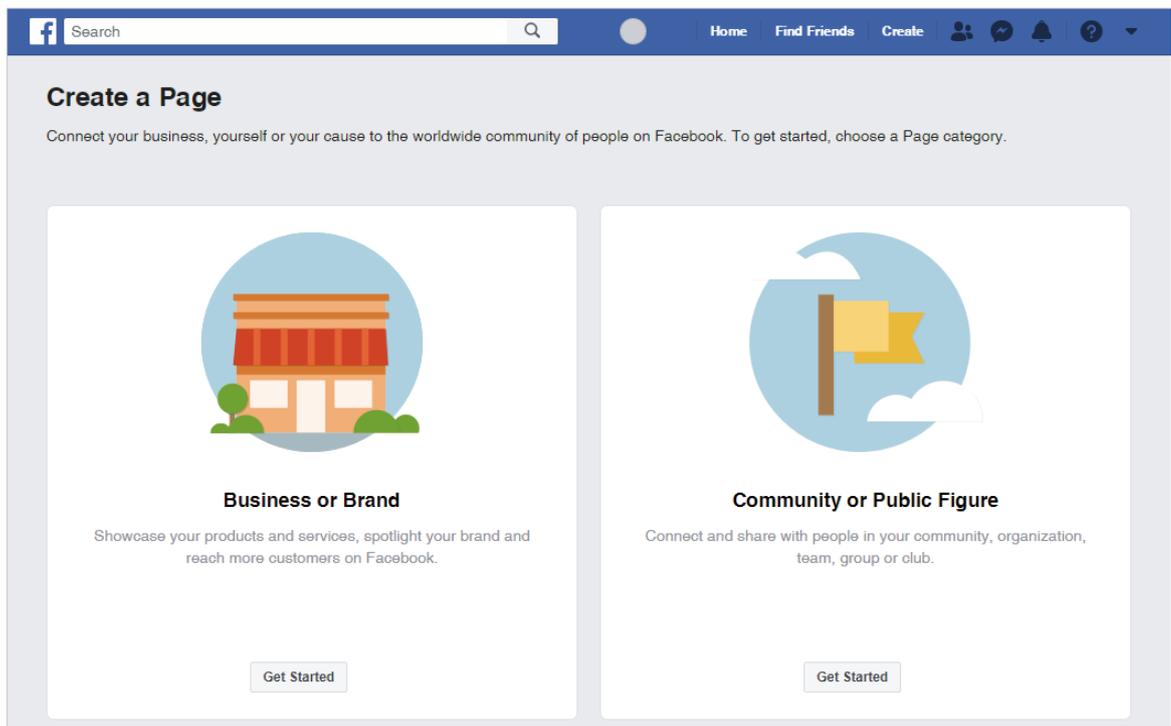
## 2.2 Configure Facebook Page

If you already have a Facebook Page, you can skip this section. If not, follow the steps below to create a Facebook Page:

- 1) Go to the Facebook official website <https://www.facebook.com> and create a new account with your email or phone number.
- 2) Log in with your new account.
- 3) Click **Create** in the top bar and then click **Page** in the pop-up window.



- 4) The following window will appear. Based on the Page type to be created, click **Get Started**.



- 5) Specify a category, enter the required information and click **Continue** to create your Page.

**Business or Brand**

**Page Name**  
TP-Link B2B

**Category**  
Business Service ?

**Address**  
High-tech 4th Avenue  
Shenzhen, Guangdong 514000

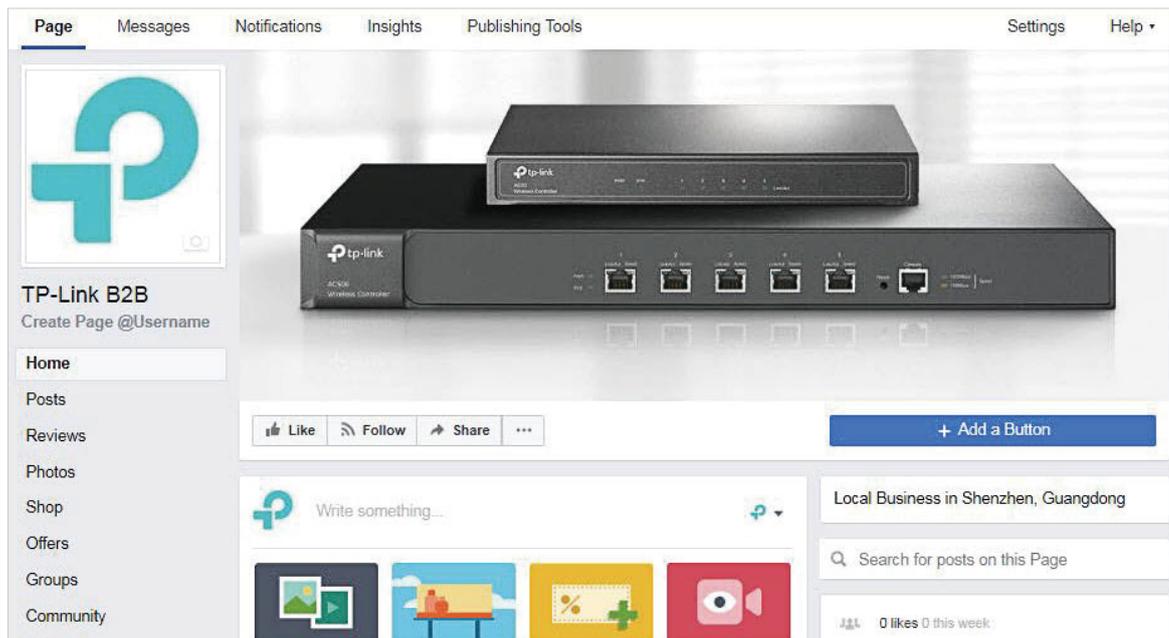
**Phone Number (Optional)**  
Phone Number (Optional)

Don't show my address. Only show that this business is in the City, State region.

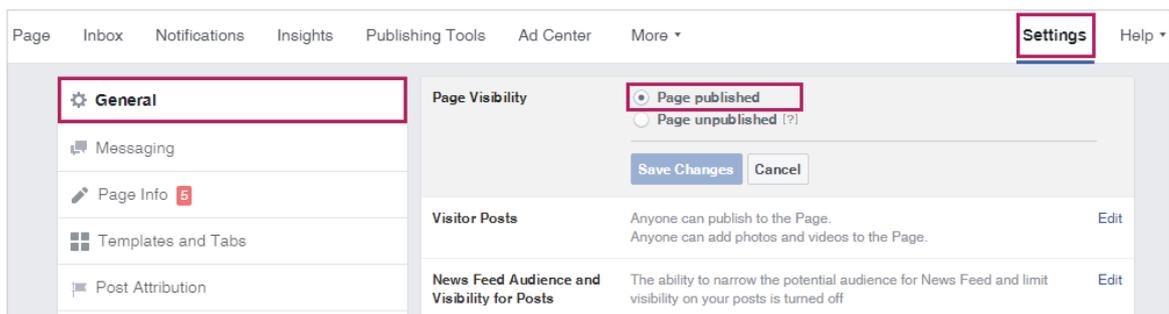
When you create a Page on Facebook the Pages, Groups and Events Policies apply.

**Continue**

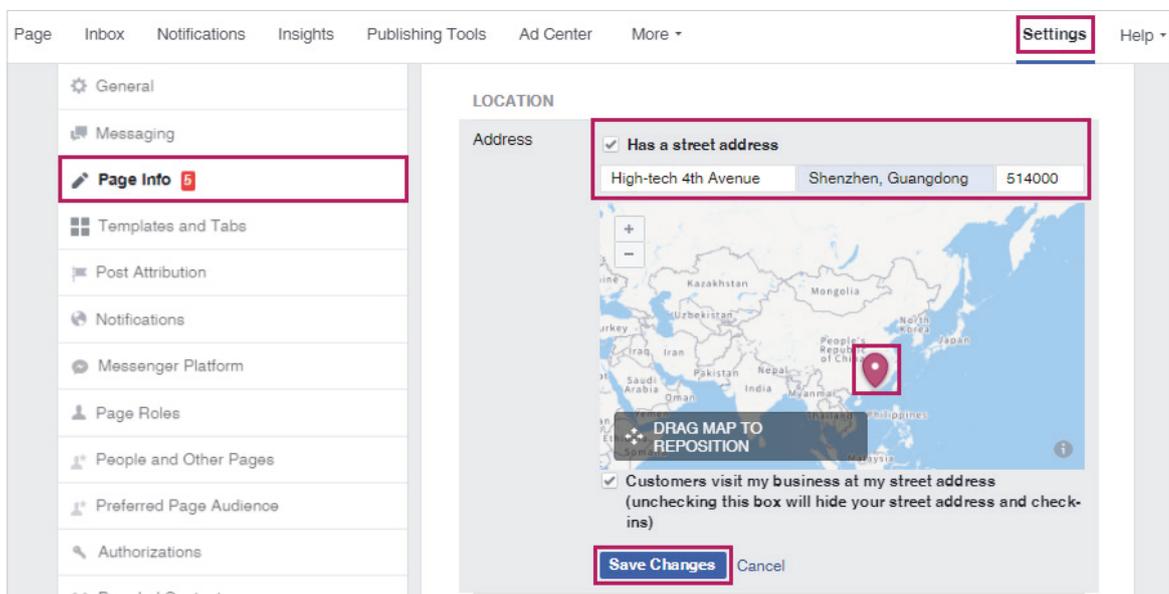
- 6) Customize your Facebook Page according to your actual needs.



- 7) Go to **Settings > General** to make sure that **Page Visibility** is set as **Page published**, so that users can access your Facebook Page.



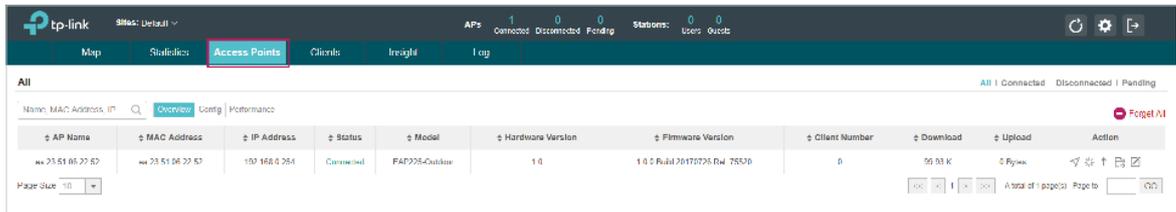
- 8) Go to **Settings > Page Info** and scroll down to **Location** to check the Facebook Page has a valid address. If not, fill in the location, drag the map to reposition and click **Save Changes**.



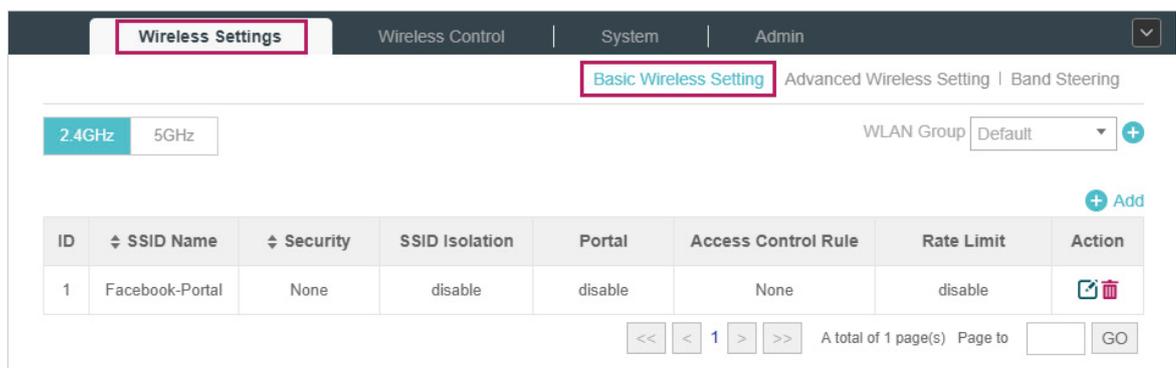
## 2.3 Adopt EAPs and Create SSID in Omada Controller

Follow the steps below to adopt EAPs and create an SSID for Facebook Portal. For detailed instructions about how to adopt EAPs and create SSID, refer to the User Guide for Omada Controller which can be downloaded on the website <https://www.tp-link.com/download/EAP-Controller.html>.

- 1) Go to the **Access Point** page and adopt the EAPs on your network.



- 2) Go to **Wireless Settings > Basic Wireless Setting** and create SSID for Facebook Portal.



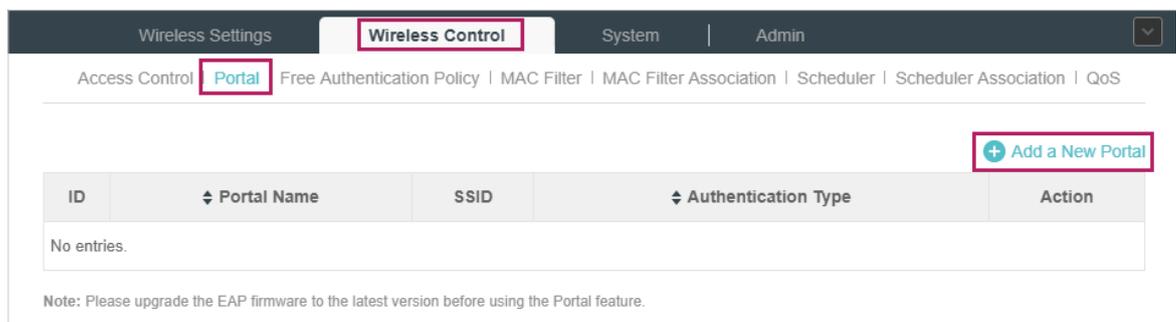
### Note:

To ensure the Omada Controller can communicate with the Facebook servers, you need to set correct default gateway and DNS for your PC that is installed with the Omada Controller.

## 2.4 Configure Facebook Portal in Omada Controller

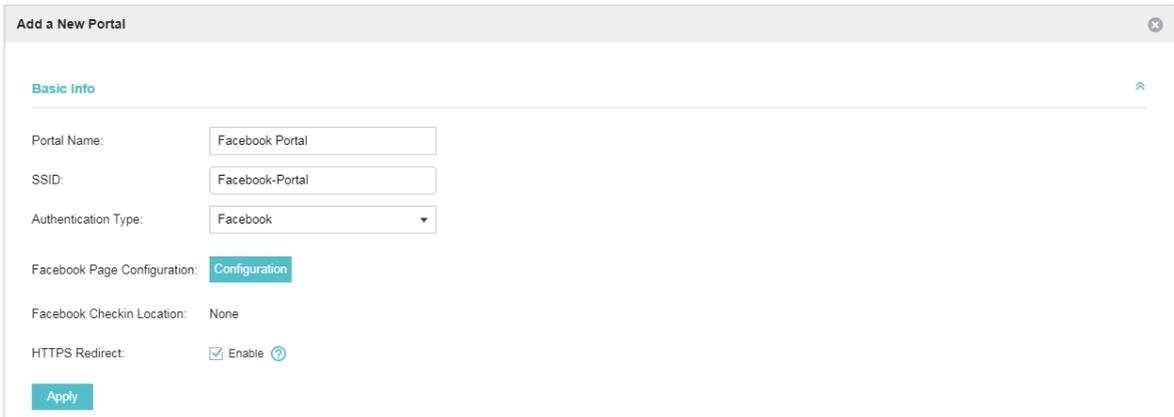
Follow the steps below to configure Facebook Portal:

- 1) Go to **Wireless Control > Portal** and click **Add a New Portal**.



Note: Please upgrade the EAP firmware to the latest version before using the Portal feature.

- 2) The following page will pop up. Specify a name for the Portal, select an SSID, and select the Authentication Type as **Facebook**. Click the **Configuration** button and the Omada Controller will automatically connect to the Facebook server.



**Add a New Portal**

**Basic Info**

Portal Name:

SSID:

Authentication Type:

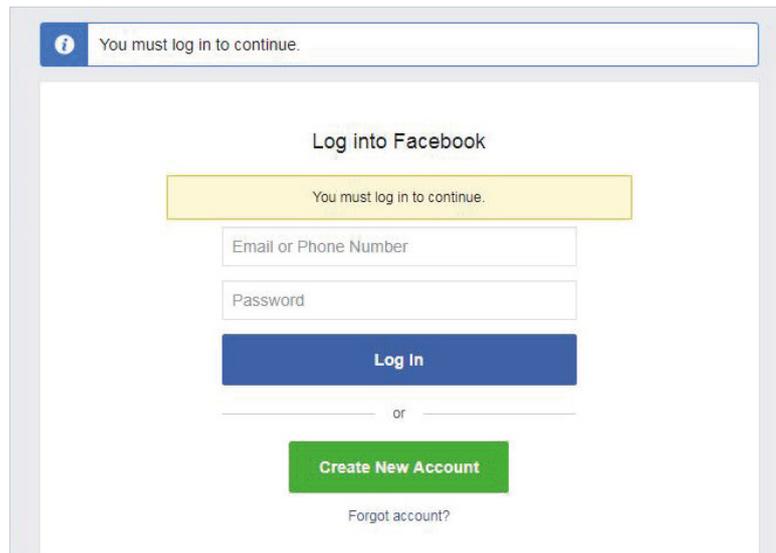
Facebook Page Configuration: **Configuration**

Facebook Checkin Location: None

HTTPS Redirect:  Enable

**Apply**

- 3) If you have been logged in to Facebook, you can skip this step and directly refer to [Step 4](#). If not, the Facebook login page will appear. Enter your account information to log in.



**You must log in to continue.**

**Log into Facebook**

**You must log in to continue.**

**Log In**

or

**Create New Account**

[Forgot account?](#)

- 4) The following page will appear. Configure the required parameters according to the help information on the page. For example, select **Facebook Page** as **TP-Link B2B**, set **Bypass Mode** as **Require Wi-Fi code**, and set **Session Length** as **Five hours**. Click **Save Settings**.

### Facebook Wi-Fi Configuration

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**Facebook Page**

To use Facebook Wi-Fi you need to be the admin of a local business Page that has a valid location associated with it.

TP-Link B2B ▼

**Bypass Mode**

Your customers always have the option to skip checking in. They can do this by clicking on a link that lets them skip check-in, or by entering a Wi-Fi code that you provide to them.

Skip check-in link [?]  
 Require Wi-Fi code [?]

**Session Length**

Select the length of time your customers will have Wi-Fi for after they check in.

Five hours ▼

**Terms of Service**

Optional: Add your own Terms of Service [?]

Visit Help Center
Save Settings

#### Note:

Only a published Facebook Page with a valid address is available for Facebook Portal.

If this page does not appear, log in to the Facebook official website <https://www.facebook.com> and enter your Page to check its visibility and location. For details, refer to [Steps 7-8 Settings of Facebook Page](#).

- 5) After the Facebook Page is successfully got by the Omada Controller, the name of the Facebook Page will be displayed on the page. Click **Apply**.

**Add a New Portal** ✕

**Basic Info** ⌵

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Portal Name:

SSID:

Authentication Type:

Facebook Page Configuration: Configuration

Facebook Checkin Location: TP-Link B2B

HTTPS Redirect:  Enable 

Apply

#### Note:

In the background progress, the free authentication policy will be generated automatically to allow users to visit the Facebook Page before authenticated. So you can use the Facebook Portal feature normally after the above steps are completed.

# 3 Test the Configuration Result

After all configurations are completed, you can follow the steps below to test whether the Facebook Portal works normally.

- 1) Enable the Wi-Fi feature of your mobile phone.
- 2) Search and connect to the SSID for Facebook Portal.
- 3) The default web browser on the mobile phone will pop up and the Facebook authentication page will appear.

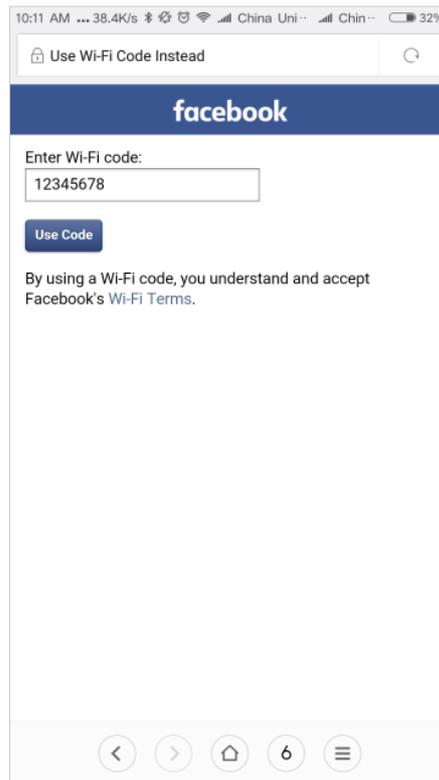


## Note:

Generally, the web browser pops up automatically. But if the web browser does not pop up, you can manually launch the web browser and visit any http website. Then the authentication page will appear.

- 4) To pass the authentication, log in with a Facebook account or choose **Use Wi-Fi Code Instead**. For example, you can choose **Use Wi-Fi Code Instead**.

- 5) The following page will appear. Enter the Wi-Fi code: **12345678**. Click **Use Code**.



- 6) After authenticated, you will be redirected to the authentication result page, and you can stay on this page or continue browsing.



If all the steps above are completed, the Facebook Portal feature works normally.

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