

# **Configuration Guide**

### For Facebook Portal Authentication

Omada Controller 2.6.0 or above 1910012389 REV2.6.0

March 2018

### CONTENTS

1	Over	view	1
	1.1	Facebook Portal Introduction	1
	1.2	Network Topology for Facebook Portal	2
	1.3	Facebook Authentication Process	2
2	Conf	igure Facebook Portal	3
	2.1	Upgrade EAPs and Omada Controller	3
	2.2	Configure Facebook Page	3
	2.3	Adopt EAPs and Create SSID in Omada Controller	5
	2.4	Configure Facebook Portal in Omada Controller	6
3	Test	the Configuration Result	9

## 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

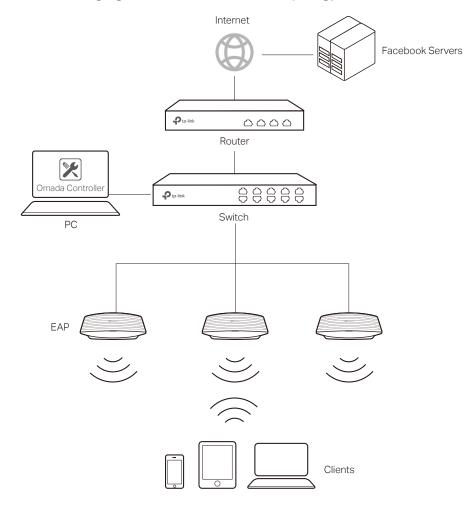
Some countries and regions require network service providers to authenticate users. For example, Russia requires all users to be authenticated before accessing the public Wi-Fi. Facebook Portal is a simple and effective access authentication method. With Facebook Portal, your customers only need to connect 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/en/support/download-center* 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) In the **CREATE** section at the bottom left corner, click **Page**.

		Add an Admin to Your New Page ×
News Feed ····	You'll have more stories in News Feed if you add Find Friends more friends.	Congratulations on creating TP-Link B2B. To get help managing your Page, add someone as an admin. Admins can publish posts and ads, update settings and more.
3 Groups		Add Page Admin
Pages		
0 Events		Buy and Sell Groups Near You
Friend Lists		than Hunt's photo.
On This Day		
Games		
<ul> <li>See More</li> </ul>		

4) The following window will appear. Choose a type of Facebook page to be created.

f	Search	Q &	Home Find Friends 🤐 🔗 🤇	0 -
	Create a Page Give your brand, business or cause a voice on Faceboo It's free to set up. Just choose a Page type to get started			
	Local Business or Place	Company, Organization or Institution	Brand or Product	
	Artist, Band or Public Figure	Entertainment	Cause or Community	

5) Enter the required information and click **Get Started**. Then the Facebook page will be created.

P-Link B2B	
ocal Business	
ligh-tech 4th Aven	ue
henzhen, Guango	iong
14000	
200000000000000000000000000000000000000	
clicking Get Starte cebook Pages Ter	ed, <mark>you a</mark> gree to the ms.
et Started	

f TP-Link B2B			Q	<u>[]</u> 8	Home	Find Friends	* • •	0 -
Page Messages	Notifications I	nsights Public	shing Tools				Settings	Help *
				and the second				
		Ĩ	Pto-link Alta Weens Controlo	a i i i i i				
	Ptp-lin		- 6			- 🛱 📼		
TP-Link B2B Create Page @Username	d writes the		100	-				
Home								
Posts								
Reviews	🖬 Like 🗟 F	ollow A Share			2 *	+ /	Add a Button	
Photos								
Shop	Write so	mething		<b>P</b> .	Loc	al Business in	Shenzhen, Guango	dong
Offers					0	Control for nor	ts on this Page	
Groups		-			4	search for pos	is on this Page	
Community			×		121	O likes 0 this v	veek	
Videos	Share a photo or	Advertise your	Create an offer	Start a Live Video	2 -	See Pages Fe	ad	
Events	video	business			E		iges you've liked as y	our Page
About			<b>•</b>	1 * 0	20	Invite friends t	to like this Page	

6) Customize your Facebook page according to your actual needs.

7) Go to the **Settings** page and make sure that **Page Visibility** is set as **Page published**, so that users can access your Facebook page.

e	Messages Notifications 1	nsights Publishing Tools	Settings	Help •
¢	General	Page Visibility	Page published     Page unpublished	
r <sub>lit</sub>	Messaging		Save Changes Cancel	
¢	Edit Page	Visitor Posts	Anyone can publish to the Page	Edit
1	Post Attribution		Anyone can add photos and videos to the Page	Lon
0	Notifications	Audience Optimization for Posts	The ability to select a preferred audience and restrict the audience for your posts is turned off	Edit
٢	Pages Assistant	Messages	People can contact my Page privately.	Edit
0	Messenger Platform	Tagging Ability	Only people who help manage my Page can tag photos posted on it.	Edit
	Page Roles	Others Tagging this Page	People and other Pages can tag my Page.	Edit

### 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/en/download/ EAP-Controller.html*.

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

					APs 1 0 0 Connected Disconnected Pend	ng Stations: 0 0 Users Guests				८ ✿ [→
Мар	Statistics	Access Points	Clients	Insight	Log					
I.									All   Connected	Disconnected Pen
lame, MAC Address, IP	Q Overview Cor	fig Performance								🖨 Fo
			¢ Status	¢ Model	¢ Hardware Version	¢ Firmware Version	¢ Client Number	¢ Download	© Upload	Action
¢ AP Name	MAC Address	IP Address	y Status							
¢ AP Name	© MAC Address ea:23:51:06:22:52	¢ IP Address 192.168.0.254	Connected	EAP225-Outdoor	1.0	1.0.0 Build 20170726 Rel. 75520	0	99.93 K	0 Bytes	√⊹↑₿₽

 Go to Wireless Settings > Basic Wireless Setting and create SSID for Facebook Portal.

2.40	GHz 5GHz				WL	AN Group Default	•
							C Ad
ID	\$ SSID Name	\$ Security	SSID Isolation	Portal	Access Control Rule	Rate Limit	Action
1	Facebook-Portal	None	disable	disable	None	disable	00

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.

			+ Add a New Po
Portal Name	SSID	Authentication Type	Action
	Portal Name	\$ Portal Name SSID	Portal Name SSID      Authentication Type

 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:	Facebook Portal
SSID:	Facebook-Portal
Authentication Type:	Facebook
Facebook Page Configuration:	Configuation
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 the step 4). If not, the Facebook login page will appear. Enter your account information to log in.

Log into Facebook	
You must log in to continue.	
Email or Phone Number	
Password	
Log In	
or	
Create New Account	

 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.

Faceb	ook Page
	Facebook Wi-Fi you need to be the admin of a local business Page that has a valid a associated with it.
TF	P-Link B2B 👻
Bypas	s Mode
	stomers always have the option to skip checking in. They can do this by clicking on a linl s them skip check-in, or by entering a Wi-Fi code that you provide to them.
0	Skip check-in link [?]
۲	Require Wi-Fi code [?]
	12345678
Sessio	on Length
Select t	the length of time your customers will have Wi-Fi for after they check in.
Fi	ve hours 💌
Terms	of Service

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**.

ortal Name:	Facebook Portal		
SID:	Facebook-Portal		
uthentication Type:	Facebook		
acebook Page Configuration	: Configuation		
acebook Checkin Location:	TP-Link B2B		
TTPS Redirect:	🗹 Enable 🕜		
Apply			

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.

\_ \_ \_ \_ \_ \_

Note:

- 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.

facebo	ook
Pus Dura	
TP-Link B	2B
Check in for free interne	et
To check in, sign up for Facebook tod Sign Up Log In Use Wi-Fi Code Instead	ay.
English (US) Français (France)	Español 中文(简体)
Português (Frasil) Italiano Facebook ©	Deutsch +
	(1) ( <b>E</b> )

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**.

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

German Content of the second	10:11 AM 38.4K/s 🖇 🌾 🗑 🗢 📶 China Uni… 💷 32%							
Enter Wi-Fi code: 12345678 Use Code By using a Wi-Fi code, you understand and accept	🕆 Use Wi-Fi Code Instead							
12345678 Use Code By using a Wi-Fi code, you understand and accept	facebook							
	12345678 Use Code By using a Wi-Fi code, you understand and accept							
$\langle \langle \rangle \rangle \langle \rangle \langle \Delta \rangle \langle \delta \rangle \langle \equiv \rangle$	$\langle \rangle \rangle \langle \Delta \rangle \langle \delta \rangle \equiv$							

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

10:12 AM 22.8K/s 🔾 🕸 🖄 🗇 🛜 📶 China U… 💷 325	%
TP-Link B2B	
facebook	
Connected to free internet. Continue browsing	
Piese	
	Ī
P TP-Link B2B	
·	
Like Message More	
Local Business · Shenzhen, Guangdong	
Home Posts Reviews Photos Community	
<ul><li>&lt; &gt; </li><li>&lt; </li></ul>	

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

### **COPYRIGHT & TRADEMARKS**

Specifications are subject to change without notice. Ptp-link is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders.

No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-Link Technologies Co., Ltd. Copyright © 2018 TP-Link Technologies Co., Ltd.. All rights reserved.