

Configuration Guide

How to configure Facebook Wi-Fi on the DWC-1000/2000



Overview

This guide lists instructions for configuring Facebook Wi-Fi on the D-Link DWC-1000/2000 Unified Controller for Hotspot Wi-Fi services.

D-Link[®]

Situation Note

The D-Link Unified Solution offers the flexibility to integrate Facebook Wi-Fi with your existing social media identities to eliminate the need to create new user names and passwords for each new client user. Instead, clients can use their existing Facebook login information and sign into a Facebook fan page instead of having to create a new account.

A Facebook fan page is an excellent way to promote your business, from a small coffee shop to a large convention center deployment. With Facebook Wi-Fi, your Wi-Fi Hotspot doesn't just provide free Internet access, also it also becomes a value-added service for the hotspot owner.

NOTE: The screenshots in this guide are from the DWC-1000/2000's firmware version 4.6.0.X. If you are using an earlier version of the firmware, the screenshots may not be identical to what you see on your browser.

Configuration Steps

Facebook Wi-Fi Authentication Registration

1. To use Facebook Wi- Fi Authentication, the admin first needs to register the gateway device with Facebook.
2. Go to **Security --> Authentication --> Facebook Wifi**. By default, the Registration Status and Configuration Status will be *Unregistered* and *Uncheck* respectively.
3. Register the gateway device with Facebook by clicking on the **Register** button.
4. If there is a problem with your Internet connection, the following error message will be appear..

The screenshot shows the D-Link Unified Controller web interface. The top navigation bar includes the D-Link logo, the product name 'Unified Controller - DWC-1000', and system information such as 'Serial Number: QBGO123456789', 'Firmware Version: 4.3.0.1_WW', and 'Language: English [US]'. A 'Logout' button is visible in the top right corner. The main navigation menu includes 'Status', 'Wireless', 'Network', 'VPN', 'Security', and 'Maintenance'. The current page is 'Security > Authentication > Facebook Wifi'. A prominent red error message states: 'Unable to register gateway device with facebook please check your internet connection.' Below this message, a text block explains: 'This page allow the user to set session timeout value for administrator and guest users.' The 'Facebook Wifi Authentication' section contains a 'Facebook Wifi Auth Registration' form with a 'Registration Name' field set to 'DWC-1000' and a 'Register' button. Below the registration form, the 'Facebook Wifi Auth Status' section shows 'Registration Status' as 'Unregisterd' and 'Configuration Status' as 'Uncheck'. The footer of the page contains the copyright notice: 'Copyright © 2014 D-Link Corporation.'

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- If you have Internet access, the Registration Url will be updated with the GWID obtained from Facebook. The Registration Status and Configuration Status will be automatically be updated to *Registered* and *This page has not been paired with a Facebook page* respectively.

The screenshot shows the D-Link Unified Controller web interface. At the top, it displays the D-Link logo, the device name 'Unified Controller - DWC-1000', and system information including the serial number (QBGO123456789), firmware version (4.3.0.1_WW), and language (English [US]). A 'Logout' button is visible in the top right corner. Below the header, there is a navigation menu with options: Status, Wireless, Network, VPN, Security, and Maintenance. The current page is 'Security » Authentication » Facebook Wifi'. A green banner at the top of the main content area reads 'Operation Succeeded'. Below this, a note states: 'This page allow the user to set session timeout value for administrator and guest users.' The main section is titled 'Facebook Wifi Authentication' and contains two sub-sections: 'Facebook Wifi Auth Registration' and 'Facebook Wifi Auth Status'. In the 'Registration' section, the 'Registration Name' field contains 'DWC-1000', and there are 'Reset', 'Register', and 'Update Name' buttons. In the 'Status' section, the 'Registration Status' is 'Registered', the 'Registration Url' is 'https://www.facebook.com/wifi/auth/config?gw_id=1452873364944040', and the 'Configuration Status' is 'This page has not been paired with a facebook page'. A 'Check Config Status' button is located at the bottom of the status section. The footer of the page reads 'Copyright © 2014 D-Link Corporation.'

- To complete the Facebook Wi-Fi Authentication process, the GWID has to be associated with the Facebook merchant page. To do this, click the Registration Url which will bring you to the Facebook merchant page and configure the page. When you're done, click **Save Settings**.

Facebook Wi-Fi Configuration
DWC-1000

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.

My book store ▼

Bypass Mode
Your configuration lets them skip the login screen.

You've Set Up Facebook Wi-Fi
Your settings have been saved.
Okay

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](#)

7. Once the Facebook merchant page has been configured, click the **Check Config Status** button in the DWC-1000/2000 interface to complete the registration process. If done correctly, the Configuration Status will have updated to *This page has been paired with a Facebook page* and Configuration Status will have updated with the Page ID, Page Name, and Page Category registered with Facebook.

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Unified Controller - DWC-1000 | Serial Number: QBC0123456789 | Firmware version: 4.3.0.1_vvv | Language: English [US]

Wizard | System Search...

Status | Wireless | Network | VPN | Security | Maintenance

Security » Authentication » Facebook Wifi

Operation Succeeded

This page allow the user to set session timeout value for administrator and guest users.

Facebook Wifi Authentication

Facebook Wifi Auth Registration

Registration Name:

Facebook Wifi Auth Status

Registration Status: Registered

Registration Url: https://www.facebook.com/wifi/auth/config?gw_id=1452873364944040

Configuration Status: This page has been paired with a facebook page

Facebook Wifi Auth Configuration Status

Page Name: My book store

Page ID: 537243049703435

Page Category: Community

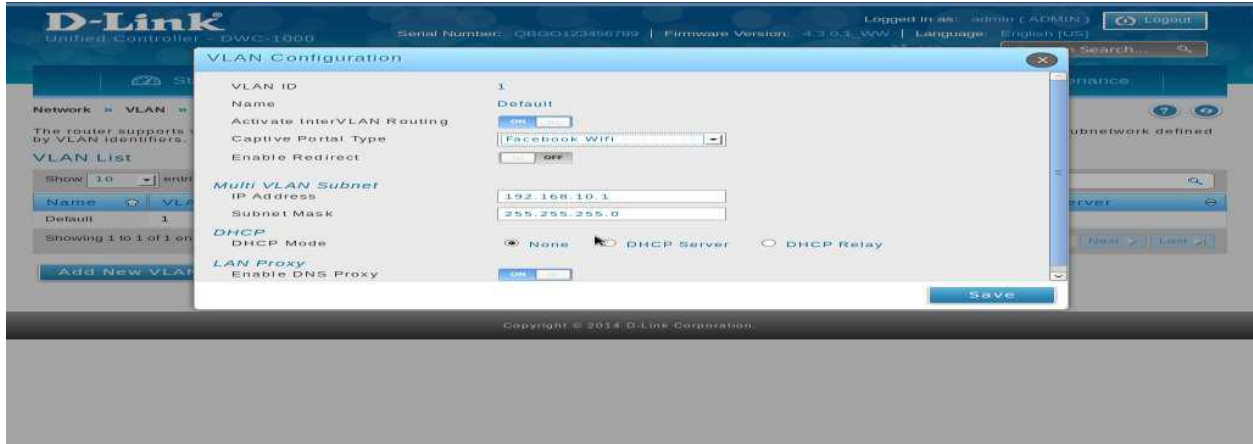
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Interface Association

Once the administrator has obtained the Page Name and ID from Facebook, Facebook Wi-Fi can be enabled for any VLAN or SSID.

1. To enable Facebook Wi-Fi for a VLAN, go to **Network --> VLAN --> VLAN Settings** page, select any VLAN and select Facebook WiFi as the Captive Portal Type.

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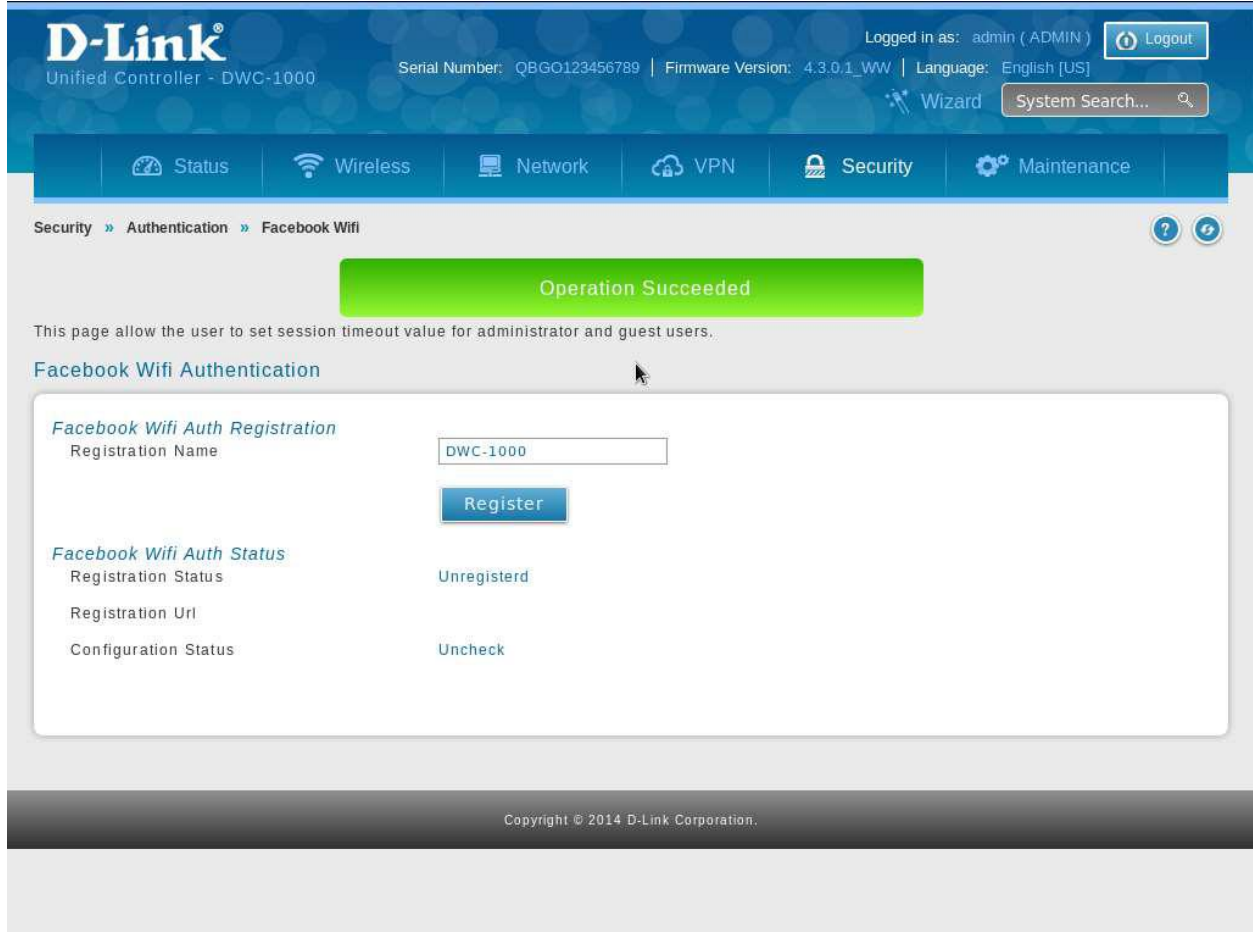
2. Similarly, to enable Facebook WiFi for a specific SSID, go to **Wireless --> Access Point --> SSID Profiles** page, select any SSID and select Facebook Wifi as the Captive Portal Type.
3. Facebook Wifi will only appear as a Captive Portal Type option if you have previously completed the registration process with Facebook and have obtained a valid Page ID and Name from Facebook.
4. Once Facebook Wi-Fi has been associated with an interface, any users connecting to the Internet through that interface will be redirected to the previously configured merchant page.



5. User can select **Skip Check-in** or **Require Wifi Code**. If you have previously configured the **Require Wifi Code** section, the connecting client will be prompted to enter the Wi-Fi code in order to get authenticated and gain free Internet access.

Reset Facebook Wifi Authentication

By clicking the **Reset** button, the registration status will revert back to *Unregistered*, and all relevant configuration information will be cleared.



1. The interfaces on which captive portal is selected as Facebook WiFi will become free.

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The screenshot shows the D-Link Unified Controller web interface. At the top, the D-Link logo is on the left, and the user is logged in as 'admin (ADMIN)' with a 'Logout' button. The interface includes a navigation menu with 'Status', 'Wireless', 'Network', 'VPN', 'Security', and 'Maintenance'. The 'Wireless' section is active, and the 'SSID Profiles' page is displayed. A breadcrumb trail shows 'Wireless > Access Point > SSID Profiles'. Below the breadcrumb, a text block explains that the page shows all wireless SSIDs configured on the controller, with 16 default SSIDs and the ability to add up to 16 more for a total of 32. The main content is a table titled 'SSID Profile List' with columns for SSID, Name, VLAN ID, Hide SSID, Security, Redirect, Captive Portal, and Authentication Server. The table lists 10 entries, all with 'dlink' names and '1-Default' VLAN IDs. Below the table, there are navigation buttons for 'First', 'Previous', '1', '2', 'Next', and 'Last'. An 'Add New SSID Profile' button is located at the bottom left of the table area.

Logged in as: admin (ADMIN) Logout

Serial Number: QBGO123456789 | Firmware Version: 4.3.0.1_WW | Language: English [US]

Wizard System Search...

Status Wireless Network VPN Security Maintenance

Wireless > Access Point > SSID Profiles

This page shows all the wireless SSID configured on the controller. The first 16 SSID's are created by default. You can modify the default SSID, but we cannot delete them. You can add and configure up to 16 additional SSID for a total of 32 wireless SSID.

SSID Profile List

Show 10 entries [Right click on record to get more options]

SSID	Name	VLAN ID	Hide SSID	Security	Redirect	Captive Portal	Authentication Server
1	dlink1	1-Default	Disabled	None	None	Free	None
2	dlink2	1-Default	Disabled	None	None	Free	None
3	dlink3	1-Default	Disabled	None	None	Free	None
4	dlink4	1-Default	Disabled	None	None	Free	None
5	dlink5	1-Default	Disabled	None	None	Free	None
6	dlink6	1-Default	Disabled	None	None	Free	None
7	dlink7	1-Default	Disabled	None	None	Free	None
8	dlink8	1-Default	Disabled	None	None	Free	None
9	dlink9	1-Default	Disabled	None	None	Free	None
10	dlink10	1-Default	Disabled	None	None	Free	None

Showing 1 to 10 of 16 entries

First Previous 1 2 Next Last

Add New SSID Profile

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