

HowTo: Facebook WiFi mittels DWC-1000/DWC-2000

[Voraussetzungen]

 DWC-1000 mit Firmware Version: 4.6.0x und höher oder DWC-2000 mit Firmware Version: 4.6.0.x und höher
 Kompatibler AP mit aktuellster Firmware

[Szenario]

Benutzer einer SSID sollen sich mittels "Facebook WiFi" im WLAN authentifizieren.

[Vorbereitung]

- ⇒ Der DWC-1000 hat im Auslieferungszustand die Standard IP 192.168.10.1/24 sowie den Benutzernamen "admin" & Passwort "admin"
- ⇒ Bitte ändern Sie dies bei der Ersteinrichtung (Integration in Ihre bestehende Infrastruktur) des DWC-1000 in Ihrem Netzwerk, für die genaue Vorgehensweise der Einstellung der IP & des Benutzernamens schlagen Sie bitte im Handbuch (<u>ftp://ftp.dlink.de/dwc/dwc-1000/documentation/</u>) nach
- ⇒ Stellen Sie bitte sicher, dass Sie die aktuellste Firmware f
 ür den DWC-1000 installiert haben (<u>ftp://ftp.dlink.de/dwc/dwc-1000/driver_software/</u>)
- ⇒ Sie haben bereits das erfolgreich den DWC-1000 eingerichtet sowie die APs den entsprechenden AP Profil/en zugewiesen.
- ⇒ Sie haben bereits einen entsprechenden Facebook Geschäftsaccount (Unternehmensseite vor Ort) eingerichtet.
- ⇒ Der DWC-1000 hat Internetzugang (entweder per VPN-Lizenz oder eingetragener "Default Route")



[Einrichtung]

- 1.) Damit die "Facebook WiFi" Authentifizierung erfolgen kann, muss der DWC-1000/2000 bei Facebook registriert werden.
 - a. Gehen Sie hierzu auf Security > Facebook WiFi

Unifie	d Controller - DWC	-1000	28	Serial Number:	Hirmware Versio	n: 4.4.1.2_B402_WW	٩
	🐼 Status	🛜 Wireless	💻 Netw	vork 🚯 VPN	Gerity Security	🗘 Maintenance	
itatus » The Traf Active In Dashbo	Dashboard fic Overview, Discove fo for user/group are ard	ered APs, Option Ports, e profiled here and paci	Bandwidth Usa ket traffic thro	Authentication User Database External Auth Servers Radius Accounting Global Settings Login Profiles Billing Profile	Web Content Filter Static Filtering	Firewall Firewall Rules Schedules Blocked Clients Custom Services ALGs VPN Passthrough) and
Traffic	: Overview		Discovered AF	Email Configuration		Dynamic Port Forwarding Attack Checks	

- b. Passen Sie ggfls. den Registierungsnamen an
- c. Drücken Sie "Register" um den Facebook-Registrierungslink zu erhalten

curity » Authentication » Facebook Wifi	
acebook WiFi is a captive portal mechanism eeds to register gateway device with Facebo	intended to use facebook.com services for authorization.To use Facebook WiFi Authentication admin first ook. This page is used to register and pair merchant page with facebook.
acebook Wifi Authentication	
Registration Name	DWC-1000
	Register
Facebook Wifi Auth Status	Haronistard
Registration Irl	onegistera
Configuration Status	Uncheck
-	
urity » Authentication » Facebook Wifi	
urity » Authentication » Facebook Wifi	Operation Succeeded
urity » Authentication » Facebook Wifi ebook WiFi is a captive portal mechanism	Operation Succeeded Intended to use facebook wiFi Authentication admin firs ok. This page is used to register and pair merchant page with facebook.
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urity » Authentication » Facebook Wifi ebook WiFi is a captive portal mechanism eds to register gateway device with Facebo cebook Wifi Authentication Facebook Wifi Auth Registration Registration Name Facebook Wifi Auth Status Registration Status	Operation Succeeded intended to use facebook.com services for authorization.To use Facebook WiFi Authentication admin firs ok. This page is used to register and pair merchant page with facebook. DWC-1000 Reset Register Update Name Registered
urity » Authentication » Facebook Wifi eebook WiFi is a captive portal mechanism eds to register gateway device with Facebo cebook Wifi Authentication Facebook Wifi Auth Registration Registration Name Facebook Wifi Auth Status Registration Status Registration Url	Operation Succeeded intended to use facebook.com services for authorization.To use Facebook WiFi Authentication admin firs book. This page is used to register and pair merchant page with facebook. DWC-1000 Reset Register Update Name Registered https://www.facebook.com/wifiauth/config?gw_id=1======01
urity » Authentication » Facebook Wifi ebook WiFi is a captive portal mechanism eds to register gateway device with Facebo cebook Wifi Authentication Facebook Wifi Auth Registration Registration Name Facebook Wifi Auth Status Registration Status Registration Url Configuration Status	Operation Succeeded Intended to use facebook.com services for authorization.To use Facebook WiFi Authentication admin firs bok. This page is used to register and pair merchant page with facebook. DWC-1000 Reset Registered https://www.facebook.com/wifiauth/config?gw_id=1 This page has not been paired with a facebook page
urity » Authentication » Facebook Wifi ebook WiFi is a captive portal mechanism eds to register gateway device with Facebo cebook Wifi Authentication Facebook Wifi Auth Registration Registration Name Facebook Wifi Auth Status Registration Url Configuration Status	Operation Succeeded Intended to use facebook.com services for authorization.To use Facebook WiFi Authentication admin firs ook. This page is used to register and pair merchant page with facebook. DWC-1000 Reset Register Update Name Registered https://www.facebook.com/wifiauth/config?gw_id=1



Sollte der DWC-1000 keinen Internetzugang haben, so erhalten Sie folgende Fehlermeldung.

Security » Authentication » Facebook Wife		? 9
	Unable to register gateway device with facebook please check your internet connection.	
Facebook WiFi is a captive portal mechan needs to register gateway device with Fac	ism intended to use facebook.com services for authorization.To use Facebook W sebook. This page is used to register and pair merchant page with facebook.	'iFi Authentication admin first
Facebook Wifi Authentication		
Facebook Wifi Auth Registration Registration Name	DWC-1000 Register	
Facebook Wifi Auth Status Registration Status Registration Url	Unregisterd	
Configuration Status	Uncheck	

2.) Um die Registrierung des DWC-1000/2000 abzuschließen muss diese URL nun aufgerufen werden.

Security » Authentication » Facebook Wifi		20
	Operation Succeeded	
Facebook WiFi is a captive portal mechanism inte needs to register gateway device with Facebook.	nded to use facebook.com services for authorization.To use Facebo This page is used to register and pair merchant page with facebook	ook WiFi Authentication admin first G
Facebook Wifi Authentication		
Facebook Wifi Auth Registration Registration Name	DWC-1000 Reset Register Update Name	
Facebook Wifi Auth Status Registration Status Registration Url Configuration Status	Registered <u>https://www.facebook.com/wifiauth/config?gw_id=1</u> This page has not been paired with a facebook page Check Config Status	— 01

Sie müssen sich nun bei Facebook mit Ihrem Unternehmens-account anmelden:

facebook	Registrieren	
	Facebook-Anmeldung Melde dich an, um fortzufahren. E-Mail-Adresse oder Handynummer: Passwort:	Angemeldet bleiben Angemeldet oder Für Facebook registrieren Passwort vergessen?

Deutsch English (US) Türkçe Polski Italiano Română Français (France) Русский العربية Español ...



Definieren Sie nach der Anmeldung hier Ihre entsprechenden Facebook-Einstellungen und wählen Sie die zu verwendende Seite aus.

Facebook-Seite	
Damit du Facebook-WLAN verwenden kannst, musst o sein, der ein gültiger Standort zugeordnet ist.	du Administrator einer örtlichen Unternehmensseite
DEUR	
Bypass-Modus	
Deine Kunden können den Besuch jederzeit übersprin Überspringen des Besuchs klicken oder den WLAN-Co	gen. Das geht, indem sie auf einen Link zum de eingeben, den sie von dir erhalten.
Besuch-Link überspringen [?]	
O WLAN-Code anfordern [?]	
Sitzungsdauer	
Lege die Dauer fest, die den Kunden dein WLAN zur V haben.	/erfügung steht, nachdem sie sich angemeldet
Eine halbe Stunde *	
Allgemeine Geschäftsbedingungen	
	1

Anschließend "prüfen" die den Configstatus im DWC-1000 um die Verknüfung des DWC-1000 mit dem Facebook-Account zu aktivieren.

Security » Authentication » Facebook Wifi		0
•	Operation Succeeded	
Facebook WiFi is a captive portal mechanism inter needs to register gateway device with Facebook. Facebook Wifi Authentication	nded to use facebook.com services for authorization.To use Facebook WiFi Authentication This page is used to register and pair merchant page with facebook.	admin first
Facebook Wifi Auth Registration		
Registration Name	DWC-1000	
	Reset Register Update Name	
Facebook Wifi Auth Status		
Registration Status	Registered	
Registration Url	https://www.facebook.com/wifiauth/config?gw_id=12200000001	
Configuration Status	This page has been paired with a facebook page	
	Check Config Status	
Facebook Wifi Auth Configuration Status		
Page Name	Church\/Religious Organization]	
Page ID	17-00	
Page Category	Church\/Religious Organization	



3.) Weisen Sie nun einer SSID im DWC-1000 die Verwendung der Facebook Authentifizierung zu.

🕰 s	tatus 🤘	Wireless	💻 Netwo	rk 🟠 VPN	Security	Ø ^o Maintenance	
Wireless » Access P	General General	Access Po Discovered	pint d AP List	Peer Group Peer Configuration	ACL IP ACL	DiffServ DiffServ Class	0
AP Profiles	Channel Algorithn Power Algorithm WIDS	n Managed A AP Poll Lis	APs List	Peer Status	IP ACL Rules MAC ACL MAC ACL Rules	DiffServ Policy DiffServ Policy Class Defination	
From this page, you Access Point Pr	Distributed Tunne WLAN Deploymen	els SSID Profil t WDS Grou	es ps				
Show 10 🔽 ent	WLAN Visualizatio	n			1		٩
AP Profile Name	🗘 Pr	rofile Status	⊖ Hardv Anv	vare Type 🛛 🕀	Wired Network Dis	covery VLAN ID	⇔
Showing 1 to 1 of 1 er	tries		, any		M F	irst J Previous 1 Next >	Last 刘
	- 61 -						

a. Gehen Sie hierzu auf Wireless > AP Profile

b. Wechseln Sie zum Reiter AP Profile SSD und wählen Ihr AP-Profil aus

Wireless » Access Point » AF	ireless » Access Point » AP Profiles » AP Profile SSID								
AP Profiles AP Profile Radio AP Profile SSIC AP Profile QoS									
This page displays the virtual Service Set Identifier (SSID).\	his page displays the virtual access point (VAP) settings associated with the selected AP profile. Each VAP is identified by its network number and iervice Set Identifier (SSID). We can configure and enable up to 16 VAPs per radio on each physical access point.								
Access Point Profiles S	SID List								
AP Profile		1-Default							
Radio Mode		• Off	O 802.11b/	g/n					
Show 10 v entries [Rig	ght click on red	cord to get more optic	ons]				٩		
SSID Name	¢	SSID Status ↔	VLAN 😌	Hide SSID ⊖	Security Θ	Redirect 😌	Captive Portal Θ		
1 stoarnay	~	Enabled	1-Default	Disabled	WPA Personal	None	Free		
2 400_1000	\checkmark	Disabled	2-2	Disabled	WPA Personal	None	Free		
2.toot.ela	~	Disabled	1-Default	Disabled	None	None	SLA		
	~	Disabled	1-Default	Disabled	WPA Enterprise	None	Free		
5-dlink5	~	Disabled	1-Default	Disabled	None	None	Free		
							-		

c. Mittels Rechtsklick auf eine unverwendete SSID und Edit, z.B. 5-dlink5 können Sie eine neue SSID anlegen und bearbeiten

Statista ►	Disabled	1-Default	Disabled	None	None	SLA
	Disabled	1-Default	Disabled	WPA Enterprise	None	Free
5-dlink5	Disabled	1-D≏fault	Disabled	None	None	Free
6-dlink6	Disabl	ault	Disabled	None	None	Free
7-dlink7	Disable Enable	ault	Disabled	None	None	Free
2 dlink2	Dicabled	1 Default	Disabled	Nono	None	Eroo



d. Sie können Sie SSSID entsprechend Ihren Wünschen und Netzwerkdesign konfigurieren, jedoch müssen Sie bei Captive Portal das "Facebook WiFi" auswählen.

SSID Configuration		×
SSID	Facebook	^
Captive Portal Type	Facebook Wifi	
Enable Redirect	ON THE	
URL	www.dlink.de	
Hide SSID	OLE	
Ignore Broadcast	OFF	
VLAN	1 [Range: 1 - 4093]	
MAC Authentication	O Local O Radius O Disable	
Redirect	None O HTTP	
Wireless ARP Suppression	OLE	
Mode		*
	Save	

e. Aktivieren Sie nun die SSID in Ihrem/Ihren AP Profil je Radio (5 GHz und/oder 2,4 GHz)

5-Facebook	Disabled L Dofault	Disabled	None	None	FBWifi	
6-dlink6	Disabled Edit t	Disabled	None	None	Free	
7-dlink7	Disabled Enable t	Disabled	None	None	Free	
5-Facebook	Enabled 1-Default	Disabled	None	None	FBWifi	

f. Anschließend übertragen Sie das AP Profil neu an die APs

AP Profiles AP Profi	le Ra	dio 🛛 AP Profile SSID	AP Pr	rofile QoS						
From this page, you can create, copy, or delete AP profiles. You can create up to 16 AP profiles on the Unified Wireless Controller.										
Access Point Profile List										
Show 10 🔽 entries [Right click on record to get more options]										
AP Profile Name	Ŷ	Profile Status	⇔	Hardware Type	⇔	Wired Network Discovery VLAN ID) ⊖			
1-Default		Associated - Modified		Any		1				
Showing 1 to 1 of 1 entries						First Previous	1 Next > Last >			
Add New AP Profile										



Nun können Sie sich mit der neuen SSID "Facebook" verbinden.

Zur Authentifizierung gelangen Sie nun auf die Facebook Seite.



Anschließend erfolgt beispielsweise das Redirect auf die eingetragene Webseite <u>www.dlink.de</u>





Im DWC-1000 ist der Benutzer nun entsprechend authentifiziert und kann das WLAN benutzen.

	🕜 Status	🛜 Wireless	💻 Network	ക	VPN	🔒 Seci	urity	🗘 Maintena	nce
Status » Use this Captiv Show 1 User 1	Dashboard Dashboard	System Information Device All Logs USB Status	Network Informat DHCP Clients Captive Portal Sessi Active Sessions Active VPNs Interfaces IPv6 Tunnels Status	ion	Wireless Radius Acc Stastistics Controller Access Poi Associated Clustering WDS Group	Information counting Status nt I Clients os Status	ACL & IP ACL IP ACL IP ACL I MAC AC MAC AC DiffSen DiffSen DiffSen	DiffServ Rules L L Rules / Class / Policy / Policy Attribute	છ છ વ ભ
Status »	Network Information » C	Captive Portal Sessions	sions that are active of		routor				00
Captive	Portal Sessions Lis	st	sions that are active t	Jii youi	fouter.				
Show 10					٩				
User Na	ame		÷	IP Ac	Idress				⇔
SLA_2Dxr	n4L			192.10	8.10.100				
SLA_s5L6	tq			192.10	58.10.111				
Showing 1	to 2 of 2 entries						Firs	t J Previous 1 N	ext 🔰 Last 刘