

# HowTo: Einrichtung von WDS zwischen 2 APs mittels des DWC-1000

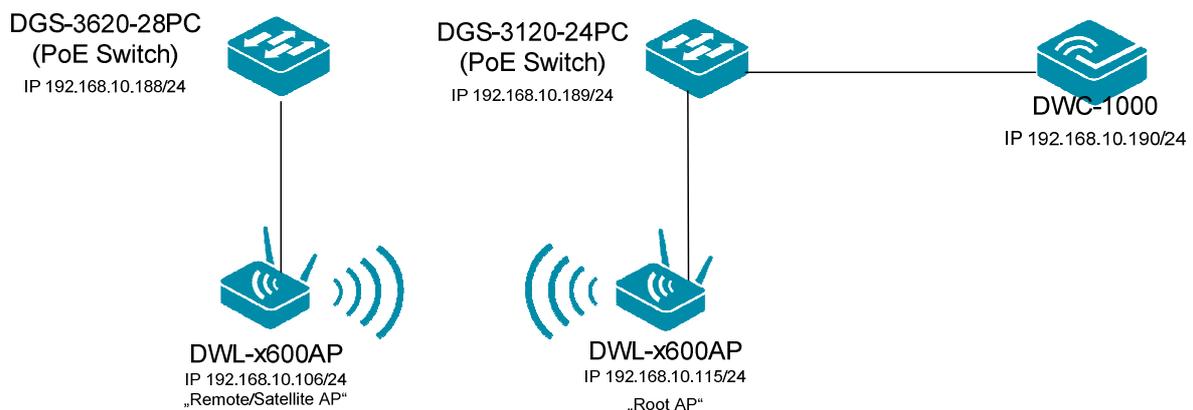
## [Voraussetzungen]

1. DWC-1000 mit Firmware Version: 4.2.0.1\_B101 und höher
2. Kompatibler AP mit aktueller Firmware 4.1.0.11 und höher (DWL-8610, DWL-8600AP, DWL-6610, DWL-6600AP, DWL-3600AP & DWL-2600AP)

Der DWL-6700AP unterstützt keinen WDS-Modus sobald er über einen DWC-1000/2000 gemanaged wird.

## [Szenario]

Ein AP soll via WDS über den DWC-1000 gemanaged, sowie das vorhandene Netzwerk über diese Brücke erweitert werden



**[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 (<ftp://ftp.dlink.de/dwc/dwc-1000/documentation/> ) nach
- ⇒ Stellen Sie bitte sicher, dass Sie die aktuellste Firmware für den DWC-1000 installiert haben ([ftp://ftp.dlink.de/dwc/dwc-1000/driver\\_software/](ftp://ftp.dlink.de/dwc/dwc-1000/driver_software/) )
- ⇒ Bitte lesen Sie vorab das Handbuch und die bereits vorhandenen Anleitungen um die grundlegende Konfiguration des DWC-1000 zu erledigen.
- ⇒ Bitte lesen Sie vorab das Handbuch und die bereits vorhandenen Anleitungen um die grundlegende Konfiguration des entsprechenden DWL-x600 zu erledigen.
- ⇒ Derzeit werden nur 2x WDS Gruppen mit je 2 APs unterstützt
- ⇒ Stellen Sie sicher, dass die WLAN-Signalstärke der beiden WDS-APs mindestens 65%-70% beträgt

## [Einrichtung des „Remote AP“]

- 1.) Schließen Sie den „Remote AP“ an Ihr lokales Netzwerk an und greifen Sie auf die Konfigurationsoberfläche des APs zu (der AP darf noch nicht im Management des DWC-1000 sein)
  - a. Gehen Sie in den Menüpunkt „Manage -> Managed Access Point“
  - b. Stellen Sie den AP Modus von „Root AP“ auf „Satellite AP“ um
  - c. Aktivieren Sie die Option „WDS Managed Ethernet Port“
  - d. Geben Sie ein „WDS Group Passwort“ ein (z.B. 1234567890)
  - e. Bestätigen Sie die Eingabe mit „Apply“

The screenshot displays the D-Link web management interface. On the left, a navigation tree shows the 'Managed Access Point' option under the 'Manage' section, which is circled in red. The main content area is titled 'Configure Managed AP Wireless Switch Parameters'. It contains the following settings:

- Managed AP Administrative Mode:  Enabled  Disabled
- Switch IP Address 1: [Empty text box]
- Switch IP Address 2: [Empty text box]
- Switch IP Address 3: [Empty text box]
- Switch IP Address 4: [Empty text box]
- Base IP port: 57775
- Pass Phrase: [Empty text box]  Edit
- WDS Managed Mode:  Root AP  Satellite AP
- WDS Managed Ethernet Port:  Enabled  Disabled
- WDS Group Password: [Masked password field]

Below the settings, there is a note: "Click 'Apply' to save the new settings." and an "Apply" button. A red oval highlights the 'WDS Managed Mode' and 'WDS Managed Ethernet Port' sections.

- 2.) Passen Sie den Kanal des „Remote AP“ an
  - a. Gehen Sie in den Menüpunkt „Manage -> Radio“
  - b. Wählen Sie gegebenenfalls das Radio aus (1 = 5 GHz, 2 = 2,4 GHz)
  - c. Wählen Sie bei „Channel“ einen entsprechend freien WLAN Kanal (z.B. 10=)
  - d. Bestätigen Sie die Eingabe mit „Apply“

The screenshot displays the 'Radio' configuration page in the D-Link web interface. The left sidebar shows a navigation menu with categories like 'Basic Settings', 'Manage', 'Services', and 'Cluster'. The main content area is titled 'Radio' and includes a 'Status' toggle (On/Off) and a 'Mode' dropdown set to 'IEEE 802.11b/g/n'. The 'Channel' dropdown is highlighted with a red circle and set to '10'. Below this, various radio parameters are configured, including Channel Bandwidth (20 MHz), Primary Channel (Lower), Short Guard Interval Supported (Yes), Protection (Auto), Beacon Interval (100), DTIM Period (2), Fragmentation Threshold (2346), RTS Threshold (2347), Maximum Stations (200), Transmit Power (100), and Fixed Multicast Rate (Auto). The 'Legacy Rate Sets' section shows supported and basic rates (54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps) with checkboxes for 'Supported' and 'Basic'. The 'MCS (Data Rate) Settings' section shows a table of MCS indices (0-15) with checkboxes for 'Enable/Disable'. The 'Broadcast/Multicast Rate Limiting' section has checkboxes for 'Broadcast/Multicast Rate Limiting' and input fields for 'Rate Limit' (50) and 'Rate Limit Burst' (75). The 'TSPEC Mode' section includes dropdowns for 'TSPEC Mode', 'TSPEC Voice ACM Mode', 'TSPEC Video ACM Mode', and 'TSPEC Legacy WMM Queue Map Mode', along with input fields for 'TSPEC Voice ACM Limit', 'TSPEC Video ACM Limit', 'TSPEC AP Inactivity Timeout', and 'TSPEC Station Inactivity Timeout'. At the bottom, there is a note 'Click "Apply" to save the new settings.' and an 'Apply' button.

- 3.) Wechseln Sie nun in das Konfigurationsmenü des DWC-1000 um den soeben konfigurierten „Remote AP“ in das Management des DWC-1000 aufzunehmen
  - a. Nehmen Sie den „Remote AP“ jetzt in das Management des DWC-1000 auf (z.B. in Ihr „default Profil)
  - b. Wählen Sie hierzu den entsprechenden Eintrag aus und wählen die Option „Manage“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

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**D-Link**

**DWC-1000** // **SETUP** **ADVANCED** **TOOLS** **STATUS** **HELP**

Dashboard

Global Info

Device Info

Access Point Info

LAN Clients Info

Wireless Client Info

WDS Managed APs

Logs

Traffic Monitor

Active Sessions

[LOGOUT](#)

**ACCESS POINTS SUMMARY**

The All AP Summary page shows summary information about managed, failed, and rogue access points the controller has discovered or detected.

**List of APs**

	MAC Address	IP Address	Age	Status	Radio	Channel
<input type="checkbox"/>	28:10:7b:e6:f1:c0	192.168.10.115	0h:0m:1s	Managed	2-802.11b/g/n	10
<input type="checkbox"/>	ac:f1:df:6d:9e:00	192.168.10.112	0h:0m:2s	Managed	2-802.11b/g/n	4
<input type="checkbox"/>	ac:f1:df:6d:9e:40	192.168.10.114	0h:0m:3s	Managed	2-802.11b/g/n	6
<input type="checkbox"/>	fc:75:16:77:84:80	192.168.10.113	0h:0m:1s	Managed	1-802.11a/n, 2-802.11b/g/n	44, 2
<input type="checkbox"/>	fc:75:16:77:86:40	192.168.10.116	0h:0m:3s	Managed	1-802.11a/n, 2-802.11b/g/n	149, 7
<input type="checkbox"/>	28:10:7b:e7:17:e0	192.168.10.106	0h:0m:1s	No Database Entry	N/A	N/A
<input type="checkbox"/>	28:10:7b:e7:17:e0	N/A	0h:0m:14s	Unknown	802.11b	4
<input type="checkbox"/>	34:08:04:24:14:ac	N/A	0h:0m:14s	Unknown	802.11b	5

Auto Refresh

**Helpful Hints...**

We can Delete, Manage, Acknowledge and view details of all AP here.

[More...](#)

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

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**DWC-1000** // **SETUP** **ADVANCED** **TOOLS** **STATUS** **HELP**

Dashboard

Global Info

Device Info

Access Point Info

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Wireless Client Info

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**MANAGED AP STATUS**

Show all the details of managed AP.

**List of Managed APs**

	MAC Address (*)	Peer Managed	IP Address	Age	Status	Profile	Radio Interface
<input type="checkbox"/>	28:10:7b:e6:f1:c0		192.168.10.115	0d:00:00:05	Managed	1-Default	2-802.11b/g/n
<input type="checkbox"/>	28:10:7b:e7:17:e0		192.168.10.106	0d:00:00:03	Authenticated	1-Default	2-802.11b/g/n
<input type="checkbox"/>	ac:f1:df:6d:9e:00		192.168.10.112	0d:00:00:02	Managed	1-Default	2-802.11b/g/n
<input type="checkbox"/>	ac:f1:df:6d:9e:40		192.168.10.114	0d:00:00:02	Managed	1-Default	2-802.11b/g/n
<input type="checkbox"/>	fc:75:16:77:84:80		192.168.10.113	0d:00:00:05	Managed	1-Default	1-802.11a/n, 2-802.11b/g/n
<input type="checkbox"/>	fc:75:16:77:86:40		192.168.10.116	0d:00:00:02	Managed	1-Default	1-802.11a/n, 2-802.11b/g/n

Auto Refresh

**Helpful Hints...**

We can see all the details related to a managed AP here. We can perform action like reset, disassociate clients connected with selected AP.

[More...](#)

- c. Wechseln Sie jetzt in das Menu „Setup -> AP Management -> Manual Management“ und konfigurieren Sie den „Root AP“ auf einen festen Kanal, welcher gleich zu dem im Punkt 2 sein muss (z.B. Kanal 10)
- d. Wählen Sie hierzu den entsprechenden Eintrag aus und drücken „Edit Channel/Power“ um die Einstellungen für diesen Eintrag manuell anzupassen

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

The screenshot shows the D-Link DWC-1000 web interface. The top navigation bar includes 'D-Link', 'DWC-1000', and tabs for 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'HELP'. The left sidebar contains various configuration categories, with 'AP Management' and 'Manual Management' highlighted with red circles. The main content area is titled 'MANUAL MANAGEMENT' and features a table of managed APs. Below the table are buttons for 'Managed AP Debug', 'Edit Channel/Power', and 'Refresh'. A 'Helpful Hints...' section on the right provides additional information about managed AP mode.

MAC Address	Location	Debug	Radio Interface	Channel	Power (%)
fc:75:16:77:84:80		Disabled	2-802.11b/g/n	10	80
fc:75:16:77:86:40		Disabled	2-802.11b/g/n	4	80
fc:75:16:77:84:80		Disabled	1-802.11a/n	44	80
			2-802.11b/g/n	2	80
fc:75:16:77:86:40		Disabled	1-802.11a/n	149	80
			2-802.11b/g/n	7	80

Buttons: Managed AP Debug, Edit Channel/Power, Refresh

Helpful Hints...  
When the AP is in Managed mode, remote access to the AP is disabled. However, you can enable Telnet access by enabling the Debug feature. From the Managed AP Advanced Settings page, you can also manually change the RF channel and power for each radio on an AP. The manual power and channel changes override the settings configured in the AP profile (including automatic channel selection) and take effect immediately. The manual channel and power assignments are not retained when the AP is reset or if the profile is reapplied to the AP, such as when the AP disassociates and reassociates with the switch.  
More...

WIRELESS CONTROLLER

- 4.) Wechseln Sie nun in das Konfigurationsmenü des DWC-1000 um eine WDS-Gruppe anzulegen
  - a. Gehen Sie hierzu auf „Advanced -> WDS Configuration -> Group Configuration“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

The screenshot shows the configuration interface for the DWC-1000. The 'ADVANCED' tab is selected, and the 'WDS Configuration' menu item is highlighted. Under 'WDS Configuration', the 'Group Configuration' sub-item is selected. The main content area displays various settings for the WDS group, including 'Client Roam Timeout', 'Ad Hoc Client Status Timeout', 'AP Failure Status Timeout', 'MAC Authentication Mode' (set to 'white-list'), 'RF Scan Status Timeout', 'Detected Clients Status Timeout', 'Tunnel IP MTU Size', 'Cluster Priority', and 'AP Client QoS'. The 'Save Settings' and 'Don't Save Settings' buttons are visible at the top of the configuration area.

- b. Geben Sie nun den Namen einer neuen WDS Gruppe an (z.B. WDS) und bestätigen Sie die Eingabe mit „Add“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

The screenshot shows the 'WDS Managed AP Configuration' page. The 'WDS Managed AP Group List' section displays 'No WDS Group exists.' Below this, the 'WDS Managed AP Group Configuration' section is active, showing a form with 'Group Name' set to 'WDS' and an 'Add' button. A 'Refresh' button is also present below the form.

- c. Aktivieren Sie die Option „rootcert.pem“ und geben Sie das in Punkt 1 erstellte WDS Passwort ein (z.B. 1234567890)
- d. Sollten Sie die WDS Strecke z.B. als Redundanzweg benutzen, so aktivieren Sie bitte die Spanning Tree Option
- e. Bestätigen Sie die Eingabe mit „Save Settings“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

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DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WDS Security Client WDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS MANAGED AP CONFIGURATION** LOGOUT

This Page allows you to configure the WDS Group setting appear.

Save Settings Don't Save Settings

**WDS Group Configuration**

WDS Group Name WDS

Spanning Tree  Enable  Disable

WDS Group Password ..... rootcert.pem

Helpful Hints... When you add a new WDS-Managed AP group or click the group name, the page refreshes and fields to configure the group setting appear... More...

WIRELESS CONTROLLER

5.) Wechseln Sie nun in das Konfigurationsmenü des DWC-1000 um WDS APs anzulegen und zuzuweisen

- a. Gehen Sie hierzu auf „Advanced -> WDS Configuration -> AP Configuration“

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DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WDS Security Client WDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS MANAGED AP CONFIGURATION** LOGOUT

This Page allows you to view the APs that are members of the group, add new members, and change STP Priority values for existing members.

WDS Group Configured 1

Group Configuration

AP Configuration

Link Configuration

Configuration Summary

No WDS AP exists.

Add Refresh

Helpful Hints... After you create a WDS-Managed AP group, use the WDS Managed AP Configuration page to view the APs that are members of the group, add new members, and change STP Priority values for existing members.... More...

WIRELESS CONTROLLER

- b. Wählen Sie nun die entsprechende WDS-Gruppe aus (Standard = 1)
- c. Mit „Add“ fügen Sie APs einer WDS-Gruppe hinzu

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DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WDS Security Client WDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS MANAGED AP CONFIGURATION** LOGOUT

This Page allows you to view the APs that are members of the group, add new members, and change STP Priority values for existing members.

**WDS Group Configured**

**WDS Group Id:** 1

**WDS Managed AP Configuration Summary**

No WDS AP exists.

Add Refresh

Helpful Hints... After you create a WDS-Managed AP group, use the WDS Managed AP Configuration page to view the APs that are members of the group, add new members, and change STP Priority values for existing members.... More...

WIRELESS CONTROLLER

- d. Wählen Sie nun aus den verfügbaren APs den unter Punkt 1 konfigurierten „Remote AP“ aus
- e. Definieren Sie den verwendeten Hardwaretyp des unter Punkt 1 verwendeten APs
- f. Bei Bedarf vergeben Sie dem AP eine Spanning Tree Priorität (default = 36864)
- g. Bestätigen Sie die Eingaben mit „Save Settings“

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DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WDS Security Client WDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS MANAGED AP CONFIGURATION** LOGOUT

The fields on this page are settings that apply to the Unified Wireless controller.

Save Settings Don't Save Settings

**WDS AP ADD OPTIONS**

Valid AP MAC Address: 28:10:7B:E7:17:E0

Hardware type string: DWL-3600AP Single Radio b/g/n

WDS AP MAC Address: 28:10:7B:E7:17:E0

STP Priority: (0 to 64 Alphanumeric characters)

Helpful Hints... When you click Add from the WDS Managed AP Summary page, the page refreshes and displays fields to configure the WDS Managed AP settings... More...

WIRELESS CONTROLLER

h. Wiederholen Sie den Vorgang jetzt für den lokalen „Root AP“

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DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WIDS Security Client WDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS MANAGED AP CONFIGURATION** LOGOUT

The fields on this page are settings that apply to the Unified Wireless controller.

Save Settings Don't Save Settings

**WDS AP ADD OPTIONS**

Valid AP MAC Address: 28:10:7B:E6:F1:C0

Hardware type string: DWL-3600AP Single Radio b/g/n

WDS AP MAC Address: 28:10:7B:E6:F1:C0

STP Priority: (0 to 64 Alphanumeric characters)

Helpful Hints...  
When you click Add from the WDS Managed AP Summary page, the page refreshes and displays fields to configure the WDS Managed AP settings...  
More...

WIRELESS CONTROLLER

i. Nachdem Sie beide WDS-APs für die Gruppe definiert haben sehen Sie beide APs in der entsprechenden Übersicht, hier können Sie diese auch nachträglich anpassen und bearbeiten

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WIDS Security Client WDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS MANAGED AP CONFIGURATION** LOGOUT

This Page allows you to view the APs that are members of the group, add new members, and change STP Priority values for existing members.

**WDS Group Configured**

WDS Group Id: 1

**WDS Managed AP Configuration Summary**

	AP MAC Address	AP Hardware Type	STP Priority
<input type="checkbox"/>	28:10:7B:E6:F1:C0	DWL-3600AP Single Radio b/g/n	36864
<input type="checkbox"/>	28:10:7B:E7:17:E0	DWL-3600AP Single Radio b/g/n	36864

Submit Add Refresh Delete

Helpful Hints...  
After you create a WDS-Managed AP group, use the WDS Managed AP Configuration page to view the APs that are members of the group, add new members, and change STP Priority values for existing members...  
More...

WIRELESS CONTROLLER

- 6.) Wechseln Sie nun in das Konfigurationsmenü des DWC-1000 um die WDS AP Verbindung anzulegen und zuzuweisen
- a. Gehen Sie hierzu auf „Advanced -> WDS Configuration -> Link Configuration“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

**WDS MANAGED AP CONFIGURATION** LOGOUT

This Page allows you to view the APs that are members of the group, add new members, and change STP Priority values for existing members.

**WDS Group Configured**

Group Configuration 1

**Link Configuration Summary**

Address	AP Hardware Type	STP Priority
<input type="checkbox"/> 28:10:7B:E0:F1:C0	DWL-3600AP Single Radio b/g/n	36864
<input type="checkbox"/> 28:10:7B:E7:17:E0	DWL-3600AP Single Radio b/g/n	36864

Submit Add Refresh Delete

WIRELESS CONTROLLER

**Helpful Hints...**  
After you create a WDS-Managed AP group, use the WDS Managed AP Configuration page to view the APs that are members of the group, add new members, and change STP Priority values for existing members....  
More...

- b. Wählen Sie nun die entsprechende WDS-Gruppe aus (Standard = 1)
- c. Mit „Add“ fügen Sie APs einem WDS Link hinzu

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**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

**WDS AP LINK CONFIGURATION** LOGOUT

This Page allows you to configure the WDS links between the APs that are members of the group.

**WDS Group Configured**

WDS Group Id 1

**WDS AP Link Configuration Summary**

No WDS AP Link is configured.

Add Refresh

WIRELESS CONTROLLER

**Helpful Hints...**  
After you create a WDS-Managed AP group, use the WDS AP Link Configuration page to configure the WDS links between the APs that are members of the group...  
More...

- d. Bei „Source AP“ tragen Sie bitte die MAC Adresse des „Root AP“ ein
- e. Bei „Source Radio“ tragen Sie bitte das entsprechende Radio ein (1 = 5 GHz, 2 = 2,4 GHz)
- f. Bei „Destination AP“ tragen Sie bitte die MAC Adresse des „Remote AP“ ein
- g. Bei „Destination Radio“ tragen Sie bitte das entsprechende Radio ein (1 = 5 GHz, 2 = 2,4 GHz)
- h. Die Linkkosten werden z.b. für Redundanzwege benötigt
- i. Bestätigen Sie die Eingabe mit „Save Settings“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WIDS Security Client WIDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**CONFIGURATION ITEMS** LOGOUT

This Page allows you to create WDS links between APs in the WDS group.

Save Settings Don't Save Settings

**WDS Link Create**

Source AP MAC Address: 28:10:7b:e6:f1:c0  
 Source AP Radio: 2 (0 to 64 Alphanumeric characters)  
 Destination AP MAC Address: 28:10:7B:E7:17:E0  
 Destination AP Radio: 2 (0 to 64 Alphanumeric characters)  
 Link Cost: 10 (0 to 64 Alphanumeric characters)

Helpful Hints...  
 When you click Add from the WDS AP Link Configuration page, the WDS Link Create page displays. From this page, you can create WDS links between APs in the WDS group...  
 More...

WIRELESS CONTROLLER

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**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WIDS Security Client WIDS Configuration IPv6 Routing Certificates Users IP/MAC Binding Radius Settings Switch Settings

**WDS AP LINK CONFIGURATION** LOGOUT

This Page allows you to configure the WDS links between the APs that are members of the group.

**WDS Group Configured**

WDS Group Id 1

**WDS AP Link Configuration Summary**

	Source AP MAC Address	Source Radio	Source AP Hardware Type	Dest AP MAC Address	Dest AP Radio	Destination AP Hardware Type	STP Link Cost
<input type="checkbox"/>	28:10:7B:E6:F1:C0	2	DWL-3600AP Single Radio b/g/n	28:10:7B:E7:17:E0	2	DWL-3600AP Single Radio b/g/n	10

Add Save Settings Delete Refresh

Helpful Hints...  
 After you create a WDS-Managed AP group, use the WDS AP Link Configuration page to configure the WDS links between the APs that are members of the group...  
 More...

WIRELESS CONTROLLER

7.) Wechseln Sie nun in das Konfigurationsmenü des DWC-1000 um eine WDS-Gruppe anzulegen

- a. Gehen Sie hierzu auf „Advanced -> WDS Configuration -> Group Configuration“

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WIDS Security Client

**WDS MANAGED AP CONFIGURATION** LOGOUT

This Page allows you to view the APs that are members of the group, add new members, and change STP Priority values for existing members.

**WDS Group Configured**

1

**WDS Configuration** Group Configuration

**AP Configuration** Configuration Summary

Link Configuration

No WDS AP exists.

Add Refresh

Helpful Hints... After you create a WDS-Managed AP group, use the WDS Managed AP Configuration page to view the APs that are members of the group, add new members, and change STP Priority values for existing members.... More...

WIRELESS CONTROLLER

- b. Wählen Sie nun die entsprechende WDS Gruppe aus
- c. Verteilen Sie nun die WDS Konfiguration an die APs mit dem Befehl „Push Config“
  - i. Erst zu diesem Zeitpunkt wird die entsprechende Konfiguration auf die betreffenden APs geschrieben
  - ii. Dieser Vorgang kann bis zu ca. 3 Minuten dauern

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Global Peer Controllers AP Profile SSIDs WIDS Security Client

**WDS MANAGED AP CONFIGURATION** LOGOUT

From WDS Managed AP Group Configuration Page you can create,configure and delete WDS Manged Group.

**WDS Managed AP Group List**

ID	Group Name
<input checked="" type="checkbox"/> 1	WDS

**WDS Managed AP Group Configuration**

Group Name  Add

Delete Refresh **Push Config**

Helpful Hints... The Wireless Distribution System (WDS)-Managed AP feature allows you to add managed APs to the cluster using over-the-air WDS links through other managed APs.... More...

WIRELESS CONTROLLER

8.) Nachdem die Konfiguration auf die APs geschrieben wurde entfernen Sie den „Remote AP“ aus dem lokalen Netz und bauen ihn an der endgültigen Position auf

9.) Auf der Statusseite (Status -> WDS Managed AP) können Sie sich diverse Informationen zu dem konfigurierten WDS einholen

Product Page: DWC-1000 Hardware Version: A1 Firmware Version: 4.2.0.1\_B101\_WW

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**DWC-1000** //

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- Global Info ▶
- Device Info ▶
- Access Point Info ▶
- LAN Clients Info ▶
- Wireless Client Info ▶
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SETUP
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**WDS GROUP LINK STATISTICS** LOGOUT

This Page displays summary information about the packets sent and received on the WDS links.

**WDS Group Link Statistics Summary**

WDS AP Group Id	Src MAC Addr	SR	Dest MAC Addr	DR	Src AP Pckt Sent	Src AP Byts Sent	Src AP Pckt Rcvd	Src AP Byts Rcvd	Dest AP Pckt Sent	Dest AP Byts Sent	Dest AP Pckts Rcvd	Dest AP Byts Rcvd
1	28:10:7b:e6:f1:c0	2	28:10:7b:e7:17:e0	2	411	48513	348	21937	0	0	0	0

Helpful Hints...

The WDS Group Link Statistics Summary page displays summary information about the packets sent and received on the WDS links...

[More...](#)

WIRELESS CONTROLLER