

# Configuration Guide

## How to Configure Layer 2 Discovery on the DWC-1000



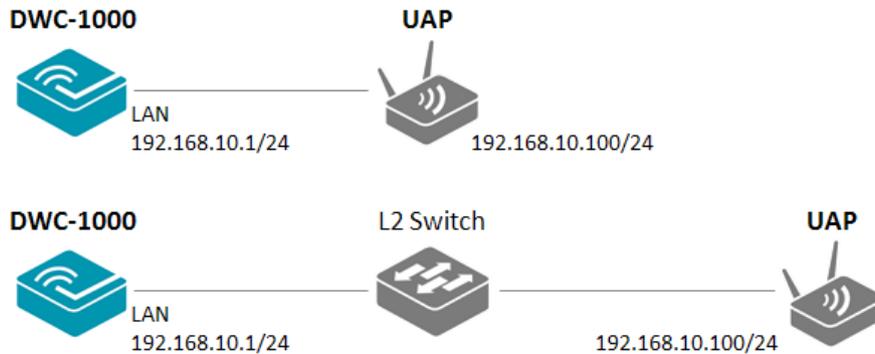
### Overview

This guide describes how to configure the D-Link DWC-1000 Unified Controller to discover a managed AP via the Layer 2 (L2) discovery protocol automatically.

## Situation note

In a small deployment, customers may set one private subnet. In this case, the DWC-1000 Unified Controller could simply discover all managed APs which are under the same subnet automatically using the D-Link Business Wireless proprietary L2 discovery protocol.

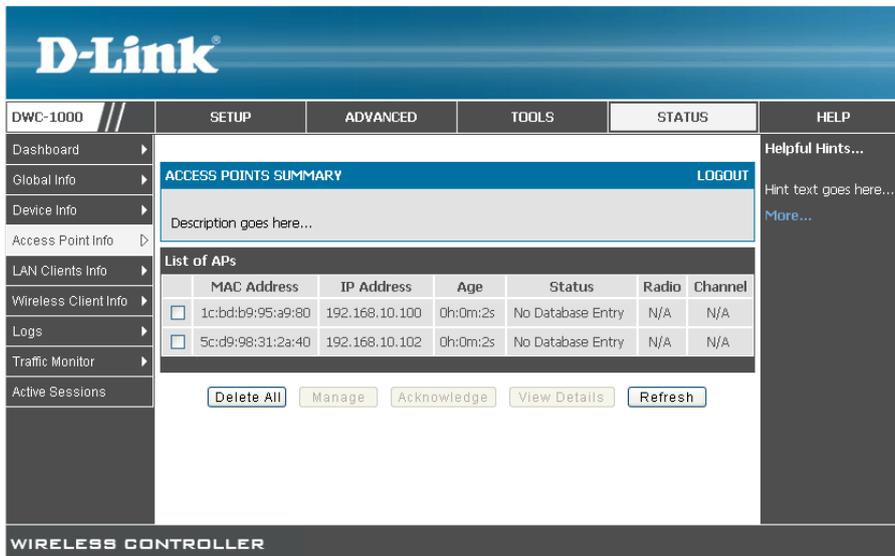
The scenario in this guide shows the Unified Access Point (UAP) connecting directly to the DWC-1000, and connecting via an L2 switch, which is under the same subnet or same VLAN, to the DWC-1000.



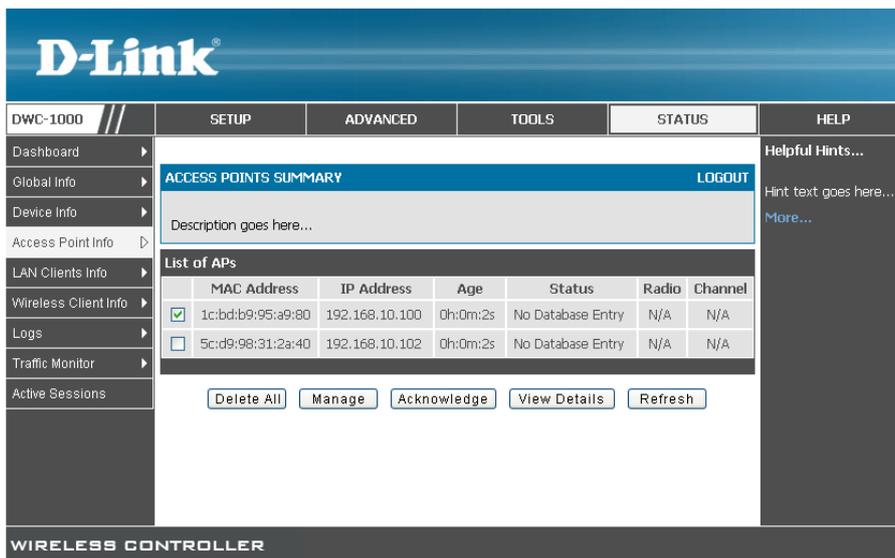
## Configuration steps

1. As the DWC-1000 and the UAP both use the same proprietary protocol, the DWC-1000 can search for UAPs which are under the same subnet automatically. Navigate to STATUS> Access Point Info> AP Summary, or STATUS> Access Point Info> Authentication Failure Status. You will then be able to view the unified APs which have been found by the DWC-1000.

**NOTE:** The screenshots in this guide are from the DWC-1000's firmware version 4.1.0.10\_10260W. If you are using an earlier version of the firmware, the screenshots may not be identical to what you see on your browser.



2. Select the UAP you wish to manage and click **Manage**.



Select an AP profile, for example “2-dlink-5F”, then enter the necessary information and configure the settings. Click **Save Settings** when you are finished. The unified APs will then be managed by the DWC-1000. Click **OK** on the pop-up confirmation window.

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DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Wizard  
WLAN Global Settings  
AP Management  
Option Port Settings  
Network Settings  
LAN QoS  
GVRP  
VLAN Settings  
USB Settings

**VALID AP** LOGOUT

We can set the Valid Access Point Configuration here.

Save Settings Don't Save Settings

**Valid Access Point Configuration**

MAC address: 1c:bd:b9:95:a9:80

AP Mode: Managed

Location:

Authentication Password:  Edit

Profile: 2 - dlink-5F

Expected SSID:

Expected Channel: Any

Expected WDS Mode: Any

Helpful Hints...  
We can configure Valid Access Point here. Several information is attached with AP, like MAC Address, AP Mode etc.  
More...

**D-Link**

DWC-1000 // SETUP ADVANCED TOOLS STATUS HELP

Dashboard  
Global Info  
Device Info  
Access Point Info  
LAN Clients Info  
Wireless Client Info  
Logs  
Traffic Monitor  
Active Sessions

**ACCESS POINTS SUMMARY** LOGOUT

Description goes here...

The page at http://192.168.10.1 says:

**Warning**  
The following AP MAC address was configured as a Valid AP by this switch. The AP configured as managed, will be managed at the next discovery cycle: 1c:bd:b9:95:a9:80

OK

Helpful Hints...  
Hint text goes here...  
More...

**WIRELESS CONTROLLER**

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