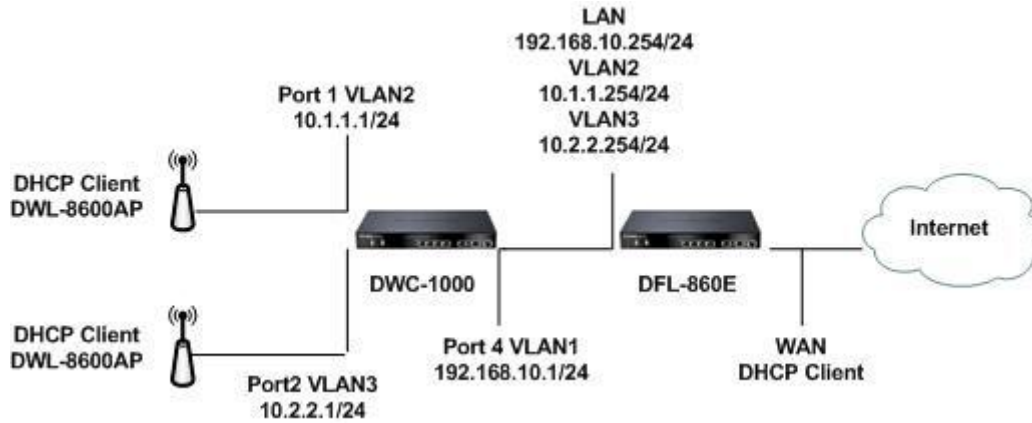


How to setup L2 discovery on DWC with DFL series in the same topology

[Topology]



[DFL-860E] Firmware: 2.40.02

1. Interfaces > VLAN

Create VLAN2 and VLAN3.

#	Name	Interface	VLAN ID	IPv4 Address	IPv6 Address	Network	Default Gateway	Comments
1	vlan2	lan	2	10.1.1.254		10.1.1.0/24		
2	vlan3	lan	3	10.2.2.254		10.2.2.0/24		

2. Interfaces > Interface Groups

Create VLAN interface group.

#	Name	Members	Comments
1	lan-vlan2-vlan3	lan, vlan2, vlan3	

3. Rules > IP Rules

Create forward fast IP rule for the L2 discovery.

#	Name	Action	Src If	Src Net	Dest If	Dest Net	Service
1	alllan1vlan2vlan3	FwdFast	lan-vlan2-vlan3	all-nets	lan-vlan2-vlan3	all-nets	all_services
2	ping_fw	Allow	any	all-nets	core	all-nets	all_icmp

4. System > DHCP > DHCP Server

Setup VLANs and default DHCP information.

#	Name	Interface	Relayer Filter	IP Address Pool	Netmask	Enable logging	Comments
1	lan-dhcp	lan	0.0.0.0/0	192.168.10.1-192.168.10.250	255.255.255.0	Yes	
2	vlan2-dhcp	vlan2	0.0.0.0/0	10.1.1.10-10.1.1.254	255.255.255.0	Yes	
3	vlan3-dhcp	vlan3	0.0.0.0/0	10.2.2.10-10.2.2.254	255.255.255.0	Yes	

[DWC-1000] Firmware: 4.2.0.1_B101

1. Setup > VLAN Settings > VLAN Configuration

Create VLAN2 and VLAN3.

VLAN CONFIGURATION					
Enable VLAN <input checked="" type="checkbox"/>					
List of available VLANs					
<input type="checkbox"/>	Vlan Name	Vlan ID	Inter VLAN Routing	Captive Portal	Auth Server
<input type="checkbox"/>	Default	1	Enabled	Disabled	None
<input type="checkbox"/>	2	2	Enabled	Disabled	None
<input type="checkbox"/>	3	3	Enabled	Disabled	None

2. Setup > VLAN Settings > Multiple VLAN Subnets

Setup VLAN network and disable DHCP server.

MULTI VLAN SUBNET List			
	Vlan ID	IP Address	Subnet Mask
<input type="checkbox"/>	1	192.168.10.1	255.255.255.0
<input type="checkbox"/>	2	10.1.1.1	255.255.255.0
<input type="checkbox"/>	3	10.2.2.1	255.255.255.0

3. Setup > VLAN Settings > Port VLAN

Setup General on port 4 and choose VLAN2 and VLAN3 in the membership.

Port VLANs				
	Port Name	Mode	PVID	VLAN Membership
<input type="checkbox"/>	Port 1	Access	2	2
<input type="checkbox"/>	Port 2	Access	3	3
<input type="checkbox"/>	Port 3	Access	1	1
<input type="checkbox"/>	Port 4	General	1	1, 2, 3

4. Setup > AP Management > Poll List

Add VLAN2 and VLAN3 in the discovery list.

Discovery	
L3/IP Discovery	<input checked="" type="checkbox"/>
L2/VLAN Discovery	<input checked="" type="checkbox"/>

List of IP Addresses	
List of IP Addresses:	<empty list>
Start IP Address:	<input type="text"/>
End IP Address:	<input type="text"/>
<input type="button" value="Delete"/> <input type="button" value="Add"/>	

List of IP Vans	
List of Vans:	1 - default 2 - 2 3 - 3
VLAN (1-4093):	<input type="text"/>
<input type="button" value="Delete"/> <input type="button" value="Add"/>	

[Result]

After all of setting, you can see the AP IP address and management your AP.

(Status > Access Point Info > Aps Summary)

List of APs						
	MAC Address	IP Address	Age	Status	Radio	Channel
<input type="checkbox"/>	fc:75:16:76:ff:80	10.1.1.10	0h:0m:22s	No Database Entry	N/A	N/A
<input type="checkbox"/>	fc:75:16:77:0d:40	10.2.2.10	0h:0m:22s	No Database Entry	N/A	N/A

END