HowTo: Setup Captive Portal DWC-1000 C1-Revision

[Requirements]

1. DWC-1000 with firmware 4.7.0.x and later
2. compatible AP with latest firmware (DWL-2600AP, DWL-3600AP, DWL-3610AP, DWL-6600AP, DWL-6610AP, DWL-6610APE, DWL-6620APS, DWL-7620AP, DWL-8600AP, DWL-8610AP, DWL-8710AP)
3. fully configured and created VLAN and routing setup of your network
4. all APs are already configured for MultiSSID

For a correct CP-redirect and routing over the firewall it is mandatory that the DWC-1000 can't use Layer 3 VLAN interface for the CP-wireless. Otherwise the DWC-1000 will act as a router, so that there is not redirect at all.

[Topology]

[setup]
   1.) L2 VLAN-Interface for CP-SSID

   2.) Default-Route & DNS at the DWC-1000 for routing

3.) Port-VLAN

Network » VLAN » Port VLAN

This page allows user to configure the port VLANs. A user can choose ports and can add them into a VLAN.In or specific LAN port with a VLAN ID, you can associate a VLAN to a physical port. The VLAN Port table displays the that port and VLAN membership information. Go to the Available VLAN page to configure a VLAN membership that

Port VLANs List

Port Name	Mode	PVID	VLAN Membership
Port1	General	1	1,2
Port2	Access	2	2
Port3	Access	1	1
Port4	Access	1	1

Showing 1 to 4 of 4 entries

4.) SSID Profile VLAN & Captive Portal

SSID Configuration

SSID	GuestWLAN
Captive Portal Type	Temporary User
Enable Redirect	OFF

Captive Portal Profile

Choose Profile	● Login Profile ○ Custom Profile
Login Profile Name	testcp Create a Profile

Captive Portal SLA Profile

SLA Login Profile Name	default Create a Profile
Hide SSID	OFF
VLAN	2 [Range: 1 - 4093]
MAC Authentication	○ Local ○ Radius ● Disable

Wireless APP Suppression Mode   OFF

5.) Interfaces Watchguard XTM520

INTERFACE	NAME (ALIAS)	TYPE	IPV4 ADDRESS	IPV6 ADDRESS	NIC CONFIG
0	External	External	192.168.10.37/24		Auto Negotiate
1	Trusted	Trusted	192.168.0.9/23		Auto Negotiate
2	Trusted_GUEST	Trusted	192.168.111.9/24		Auto Negotiate

6.) Firewall rules on XTM520

Depending on your firewall, you might need to change the orders of the rules. Please contact your firewall vendor about this.