

DV2760 (D) VDSL Bridging Guide

To run a DV760 (DrayOS/Delight Version) in pure bridge mode for most VDSL circuits with VLAN ID 10 follow the screen shots below. This will allow you to run a PPPoE client from an internal firewall/router without the added hassle of adding VLAN sub interface on the internal device.

To login to the unit, defaults are <http://192.168.1.1> admin / admin.

Step 1. Switch of PPP client

Firstly we want to switch off WAN1. Go to "WAN >> Internet Access" click the details button & disable the PPP client

WAN >> Internet Access

Internet Access

Index	Display Name	Physical Mode	Access Mode		
WAN1		ADSL / VDSL2	PPPoE / PPPoA	Details Page	IPv6
WAN2		Ethernet	None	Details Page	IPv6
WAN3		USB	None	Details Page	IPv6

Note: Only one WAN can support IPv6.

Advanced You can configure DHCP client options here.

WAN >> Internet Access

WAN 1

PPPoE / PPPoA

MPoA / Static or Dynamic IP

IPv6

☐ Enable
 ☒ Disable

Modem Settings (for ADSL only)
 Multi-PVC channel
 VPI
 VCI
 Encapsulating Type
 Protocol
 Modulation

PPPoE Pass-through
☐ For Wired LAN
☐ For Wireless LAN

WAN Connection Detection
 Mode
 Ping IP
 TTL:

MTU (Max: 1492)

ISP Access Setup
 Service Name (Optional)
 Username
 Password
☐ Separate Account for ADSL
 PPP Authentication
 Idle Timeout second(s)
 IP Address From ISP
 Fixed IP ☐ Yes ☒ No (Dynamic IP)
 Fixed IP Address
☒ Default MAC Address
☐ Specify a MAC Address
 MAC Address:
 Index(1-15) in Schedule Setup:
 => , , ,

OK

Cancel

Step 2. Create the bridge

Next we create the bridge & assign some ports to be included in the bridged connection. Ports 3 &/or 4 are a good choice. Note that Port 1 cannot be used for bridging.

Once ports 3 & 4 are in a bridged configuration you will **not be able to access the management interface via these ports** (Only accessible from ports 1 or 2).

WAN >> Multi-PVC >> Channel 4

Multi-PVC Channel 4: <input checked="" type="radio"/> Enable <input type="radio"/> Disable	
General Settings VLAN Header VLAN Tag: <input type="text" value="10"/> Priority: <input type="text" value="0"/>	
Note: Tag value must be set between 1~4095 and unique for each channel. Only one channel can be untagged (equal to 0) at a time.	
<input checked="" type="checkbox"/> Open Port-based Bridge Connection for this Channel Physical Members <input type="checkbox"/> P1 <input type="checkbox"/> P2 <input checked="" type="checkbox"/> P3 <input checked="" type="checkbox"/> P4 Note: P1 is reserved for NAT use, and cannot be configured for bridge mode.	
<input type="checkbox"/> Open WAN Interface for this Channel WAN Application: <input type="text" value="Management"/> WAN Setup: <input type="text" value="Static or Dynamic IP"/>	
ISP Access Setup ISP Name: <input type="text"/> Username: <input type="text"/> Password: <input type="text"/> PPP Authentication: <input type="text" value="PAP or CHAP"/> <input checked="" type="checkbox"/> Always On Idle Timeout: <input type="text" value="-1"/> second(s) IP Address From ISP Fixed IP: <input type="radio"/> Yes <input checked="" type="radio"/> No (Dynamic IP) Fixed IP Address: <input type="text"/>	WAN IP Network Settings <input type="radio"/> Obtain an IP address automatically Router Name: <input type="text" value="Vigor"/> * Domain Name: <input type="text"/> * *: Required for some ISPs <input checked="" type="radio"/> Specify an IP address IP Address: <input type="text"/> Subnet Mask: <input type="text"/> Gateway IP Address: <input type="text"/> DNS Server IP Address Primary IP Address: <input type="text" value="8.8.8.8"/> Secondary IP Address: <input type="text" value="8.8.4.4"/>

OK Cancel

Allow the device to reboot when requested.

Step 3. Test a PPPoE client

Now connect a PPPoE client to either port 3 or 4 & test. This could be a router / firewall or for a simple 'does it work' type test run PPPoE from a test laptop.

