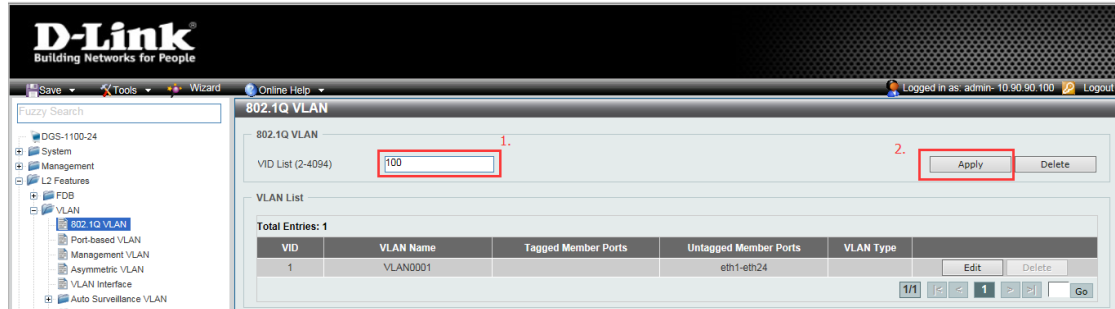


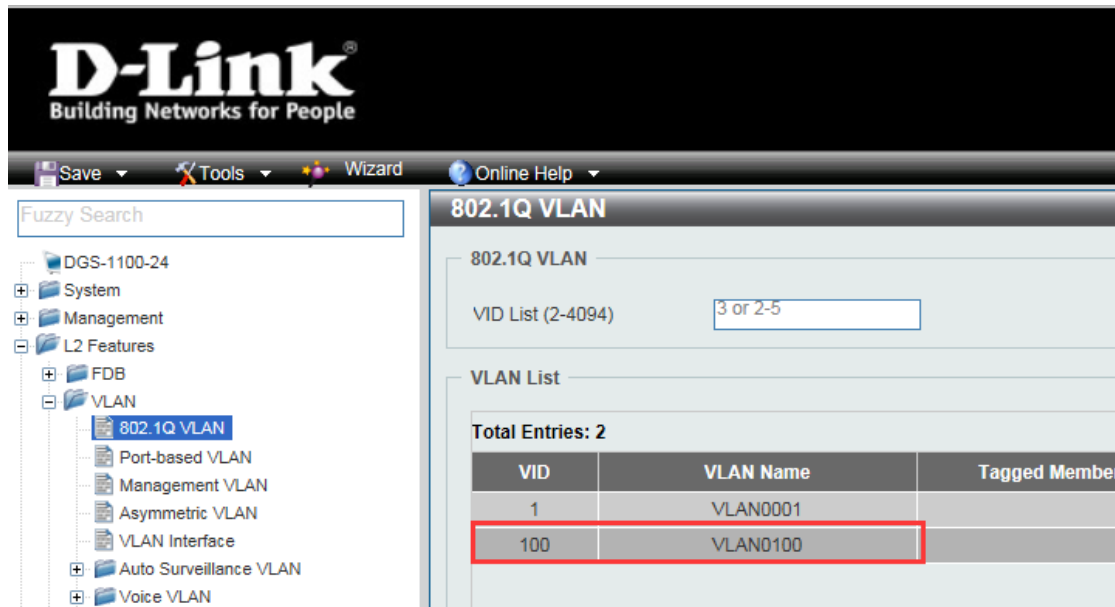
How to config 802.1q VLAN on DGS-1100 rev.B1

Scenario: To create a VLAN 100 with untagged ports 5-8 and tagged port 9-10.

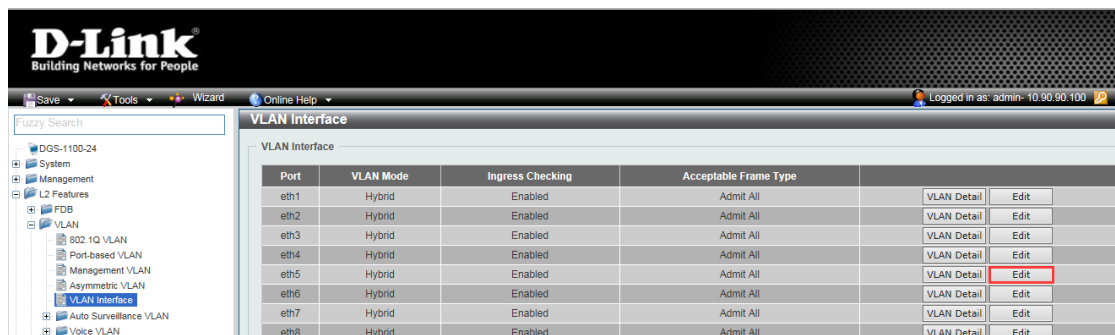
1. Create VLAN 100.



2. VLAN 100 was created.



3. Go to "VLAN interface" page to assign ports to VLAN 100. Click eth5->"Edit".



- Assign VLAN mode “access”, Acceptable frame “Untagged Only”, VID=100. And clone from port 5 to port 8.

Configure VLAN Interface

Configure VLAN Interface

Port: eth5

VLAN Mode: Access

Acceptable Frame: Untagged Only

Ingress Checking: Enabled Disabled

VID(1-4094): 100

Clone

From Port: eth5 To Port: eth8

<<Back Apply

- Back to “VLAN interface” page, click “Edit” on port 9.

VLAN Interface

VLAN Interface

Port	VLAN Mode	Ingress Checking	Acceptable Frame Type	VLAN Detail	Edit
eth1	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth2	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth3	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth4	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth5	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth6	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth7	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth8	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth9	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth10	Hybrid	Enabled	Admit All	VLAN Detail	Edit

- VLAN mode “Trunk”, Acceptable Frame “Tagged Only”, clone from port 9 to port 10. Add allow VID 1 and 10.

Configure VLAN Interface

Configure VLAN Interface

Port: eth9

VLAN Mode: Trunk

Acceptable Frame: Tagged Only

Ingress Checking: Enabled Disabled

Action: Add

Allowed VLAN Range: 1,100

Clone

From Port: eth9 To Port: eth10

<<Back Apply

- Back to “VLAN interface” page, port 5-10 status changed.

VLAN Interface

VLAN Interface

Port	VLAN Mode	Ingress Checking	Acceptable Frame Type	VLAN Detail	Edit
eth1	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth2	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth3	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth4	Hybrid	Enabled	Admit All	VLAN Detail	Edit
eth5	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth6	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth7	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth8	Access	Enabled	Untagged Only	VLAN Detail	Edit
eth9	Trunk	Enabled	Tagged Only	VLAN Detail	Edit
eth10	Trunk	Enabled	Tagged Only	VLAN Detail	Edit

8. Check port 9-10 status.

VLAN Interface Information	
VLAN Interface Information	
Port	eth9
VLAN Mode	Trunk
Native VLAN	1
Trunk Allowed VLAN	1, 100,
Ingress Checking	Enabled
Acceptable Frame Type	Tagged Only

VLAN Interface Information	
VLAN Interface Information	
Port	eth10
VLAN Mode	Trunk
Native VLAN	1
Trunk Allowed VLAN	1, 100,
Ingress Checking	Enabled
Acceptable Frame Type	Tagged Only

9. Setup completed.

[Test topology]

PC1-----DGS-1100-----DGS-3000-----PC2
 192.168.0.100 (p1) (p10) (p10) (p1) 192.168.0.101

[Test step]

1. Apply commands on DGS-3000
 config vlan default delete 5-8
 config vlan default add tagged 9-10
 create vlan v100 tag 100
 config vlan v100 add tagged 9-10
 config vlan v100 add untagged 5-8
2. Follow the screenshots to setup DGS-1100
3. Ping from PC1 to PC2.
4. Move PC1 to DGS-1100 port 5, move PC2 to DGS-3000 port 5
5. Ping from PC1 to PC2 again.

[Test result]

PC1 can ping PC2 normally on step 3 and 5.