

Topology

member sets:
Purple - Ports 1 and 2
Red - Port 3
Blue - Port 3

untagged sets:
Purple - Ports 1 and 2
Red - Port 3
Blue - Port 3

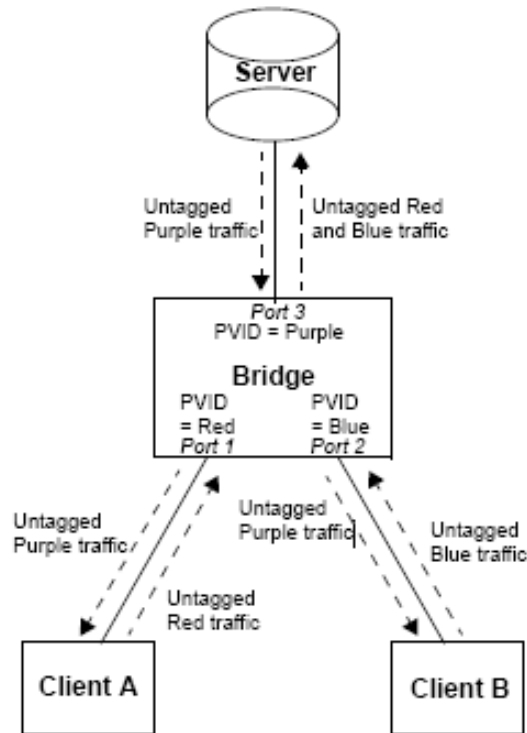


Figure B-4—Asymmetric VLAN use: “multi-netted server”

Client A in vlan 10,
 Client B in vlan 20
 Server in vlan 30

Configuration

1. Create vlan 10,20,30

802.1Q VLAN

VID List

Find VLAN

VID (1-4094)

Total Entries: 4

| VID | VLAN Name | Tagged Member Ports | Untagged Member Ports | VLAN Type | |
|-----|-----------|---------------------|-----------------------|-----------|---|
| 1 | default | | 1/0/1-1/0/28 | | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| 10 | VLAN0010 | | | | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| 20 | VLAN0020 | | | | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| 30 | VLAN0030 | | | | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |

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2. Enable Asymmetric-vlan

Asymmetric VLAN

Asymmetric VLAN

Asymmetric VLAN State Enabled Disabled Apply

3. Configure VLAN Interface

Configure VLAN Interface

Configure VLAN Interface

Port eth1/0/1

VLAN Mode Hybrid

Acceptable Frame Admit All

Ingress Checking Enabled Disabled

Native VLAN Native VLAN

VID (1-4094) 10

Action Untagged

Allowed VLAN Range 10,30

Back Apply

Configure VLAN Interface

Configure VLAN Interface

Port eth1/0/2

VLAN Mode Hybrid

Acceptable Frame Admit All

Ingress Checking Enabled Disabled

Native VLAN Native VLAN

VID (1-4094) 20

Action Untagged

Allowed VLAN Range 20,30

Back Apply

Configure VLAN Interface

Configure VLAN Interface

Port eth1/0/3

VLAN Mode Hybrid

Acceptable Frame Admit All

Ingress Checking Enabled Disabled

Native VLAN Native VLAN

VID (1-4094) 30

Action Untagged

Add Mode Untagged Tagged

Allowed VLAN Range 10,20,30

Back Apply

4. VLAN configuration display

802.1Q VLAN

802.1Q VLAN

VID List

Find VLAN

VID (1-4094)

Total Entries: 4

| VID | VLAN Name | Tagged Member Ports | Untagged Member Ports | VLAN Type | | |
|-----|-----------|---------------------|-----------------------|-----------|-------------------------------------|---------------------------------------|
| 1 | default | | 1/0/4-1/0/28 | | <input type="button" value="Edit"/> | <input type="button" value="Delete"/> |
| 10 | VLAN0010 | | 1/0/1,1/0/3 | | <input type="button" value="Edit"/> | <input type="button" value="Delete"/> |
| 20 | VLAN0020 | | 1/0/2-1/0/3 | | <input type="button" value="Edit"/> | <input type="button" value="Delete"/> |
| 30 | VLAN0030 | | 1/0/1-1/0/3 | | <input type="button" value="Edit"/> | <input type="button" value="Delete"/> |

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