

HowTo: Asymmetric VLAN

Scenario

Segmentation into two VLANs with common access zone area (Area VLAN1 gateway and servers)



 Asymmetric VLAN configuration (Asymmetric VLAN) on the switch L2 Features > Asymmetric VLAN Enable asymmetric VLAN





2. Creating VLANs

Define VLANs: L2 Features > VLAN > 802.1Q VLAN

VLAN ID add and edit the name

TOGS-1510-28	802.10 VLA	н				_	
System Management L2 Features	VID List	A 30r25			API	ply	Delete
1 🚅 FD8	Find VLAN						
S I VLAN							
E BOZ.10 VLAN	VID (1-4094	4)			Fie	nd]	View All
E GVRP	VID (1-4094	4) rs: 3			Fit	nd] [View All
CONTRACTOR VILAN CONTRACTOR VILAN CONTRACTOR VILAN CONTRACTOR VILA CONTRACTOR VILA	VID (1-4094 Total Entrie	4)	Tagged Member Ports	Untagged Member Ports	VLAIS Type	nd] [_	View All
BOZ-10 VLAN GVRP GVRP Asymmetric VLAN VLAN interface GAUS Surveillance VLA GVLAN Voice VLAN	VID (1-4094 Total Entrie VID 1	4) Isc 3 VLAN Name comun	Tagged Member Ports	Untagged Member Ports 1/0/1-1/0/28	VLAIS Type	nd)	View All
BOZ-1Q VLAN GORP GORP	VID (1-409- Total Entrie VID 1 2	4) Isc 3 VLAN Name comun corporativa	Tagged Member Ports	Untagged Member Ports 1/0/1-1/0/28	VLASS Type	nd) [Edit Edit	View All Delete

3. In each port edit the properties of the VLANs

L2 Features > VLAN > VLAN Interface

Configure VLAN Inter	face		
Configure VLAN Interface			
Port	eth1/0/1		
VLAN Mode	Hybrid		
Acceptable Frame	Admit All		
Ingress Checking	Enabled Disabled		
Native VLAN	Vlan Native VLAN		
VID (1-4094)	1		
Action	Add		
Add Mode	Untagged Tagged		
Allowed VLAN Range	1.2.3		
	Configure VLAN Inter Configure VLAN Interface – Port VLAN Mode Acceptable Frame Ingress Checking Native VLAN VID (1-4094) Action Add Mode Allowed VLAN Range		

Ports for common equipment (i.e. routers, printers, etc.)

D-Link

Ports VLAN2 (CORPORATE)



Ports VLAN3 (GUEST)

Fuzzy Search	Configure VLAN Inter	face		
DGS-1510-28	Configure VLAN Interface			
🕀 📁 Management	Port	eth1/0/15		
E 📁 L2 Features	VLAN Mode	Hybrid	-	
 FDB VLAN 802.1Q VLAN 	Acceptable Frame	Admit All	•	
	Ingress Checking			
E GVRP	Native VLAN VLAN			
Asymmetric VLAN	VID (1-4094)	3		
	Action	Add	-	
Soice VLAN	Add Mode	Untagged () Tagged		
Eoopback Detection	Allowed VLAN Range	1.3		