

Asymmetric VLAN DGS-1210 Series

Scenario:



Configuration:

Access the web interface of the unit using the default IP https://10.90.90.90 1. (Remember to set a fixed IP in the same range on the computer).





2. Enter the password **admin** default one.

Connect to 19	2.168.0.114	
-		1.1
Enter your pass	word	
Password		
Language	English	~
	OK Cancel	

3. Once inside the configuration interface refer to **VLAN**.





4. Inside VLAN you must activate asymmetric VLAN and then **Apply**.

Save - 🔏 Tools -	Weard (Helo -			
DGS-1210-28P	802.10	Asymmetric VLAN S	Settings	1	2 Sequerc
L2 Functions OoS	Asymme	esc VLAN (Example) 8 E	inabled Clisabled		Apply
Security AAA ACL	Total sta	etic VLAN entries: 1 num 256 entries.			Add
PoE .	CIV CIV	VLAN Name	Untagged	Tagged	Delete
B PoE B StatP B Montantos	VID 1	VIT 220 Entres. VLAN Nactor Orfault	Untapped 01-29	Tapped	0

5. To edit the VLAN1 click number **1** in the VID column.

DOS-1210-288					
E System	802.10	Asymmetric VLAN S	Settings		😑 Safaguar
B 2 L2 Functions B 2 L2 Functions B 2 L2 Functions B 2 L2 Functions B 2 L2 Functions	Asymme	tric VLAN (Example) * E	nabled Obisabled		Apply
🛞 💭 AAA	Total sta	tic VLAN entries: 1			Add
(B) 💭 ACL	/ Maxim	rum 256 entries			
🛞 🎬 PoE	VID	VLAN Name	Untagged	Tagged	Deteta
8 SIMP	1	default	01-26		Detete

6. Ensure that all ports in VLAN 1 are untagged.

/ID	1														
/LAN Name	default]									Back		Apply
Port	Select All	01	02	03	04	05	06	07	08	09	10	11	12	13	14
Untagged	All	۲	۲	۰		٠	٠	٠	۲	۲	۲		۲	۲	۰
Tagged	All	0			0				•	0		0			
Not Member	All						0								
Port	Select All	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Untagged	All	۲	۲	۲	۲		٠	۲	۲		۲	٠	۲	۲	۲
Tagged	All				•									•	
Not Member	All														

7. To create VLAN 2 must click on the **Add** button.

DGS-1210-28P	802.10	Asymmetric VLAN S	ettings		😑 Safeguar
E L2 Functions	Asymme	tric VLAN (Example) ® E	nabled Obisabled		Apply
E Security E AAA	Total sta	tic VLAN entries: 1 um 256 entries			Add
B POE	VD	VLAN Name	Untagged	Tagged	
E SIMP	1	default	01-28		Deleta



8. Set the VID number to 2 and add a name to the VLAN, e.g. **Internal**. Then configure port 7 as **Untagged**, this is what the router is connected to. Also set ports "17 to 20" as **Untagged**, these will be used by this VLAN. All other ports should be set as **Not member** and then **Apply** the changes.

/ID Setting	S) Sa	fegua
ND		2			1											
/LAN Name		Interna														
Maximum 20	characters													Back		Apply
Port	Select All	-	01	02	03	04	05	06	07	08	09	10	11	12	13	14
Untagged	All								۲							
Tagged	All		•											0		0
Not member	All			۲	۲	•	۲			۲		۰		۲	•	۲
Port	Select All		15	16	17	18	19	20	21	22	23	24	25	26	27	28
Untagged	All		0	0	۲	۰	۲	٠	C I	0	0	0	0	0	0	0
Tagged	All								0			0				
Not member	All															۲

9. Click on **Add** again, to add VLAN 3.

Asymmet	tric VLAN [Example] ® En	abled Oisabled		Apply
Fotal stat	tic VLAN entries: 2			Add
VID	VLAN Name	Untagged	Tagged	Delete
1	default	01-28		Delete
2	Interna	07 17-20		Delete

Set the VID number to 3 and add a name to the VLAN e.g. **Guests**. Then configure port 7 as **Untagged**, this is what the router is connected to. Also set ports "21 to 24" " as **Untagged**, these will be used by this VLAN. All other ports should be set as **Not member** and then **Apply** the changes.

/ID Setting	5) Se	afeguar
VID		3														
VLAN Name		Invitados														
Maximum 20	characters													Back		Apply
Port	Select All	1	01	02	03	04	05	06	07	08	09	10	11	12	13	14
Untagged	All	-	0	0	0	0	0	0		0	0	0	01	10	0	
Tagged	All		•	0	0					0		•				
Not member	All				•	۰				•	۲		۲	٠	۲	٠
Port	Select All	1 3	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Untagged	All		0	0	0	0	0	0		•	۲	۰	0	0	0	0
Tagged	All		0	0			•	0	0							
Not member	All													•		



11. Click **802.1Q VLAN PVID**.

IVLAN	10000	antan maraka sala	New Yorkshill		1
B 802 1Q VLAN PVID	Asymme	encivitives (Evancia) and E	nabled Upsabled		Apply
Voice VLAN	Total sta	itic VLAN entries: 3 num 256 entries.			Add
E2 Functions	MD	VEAN Name	Untagged	Tagged	Delete
205	1	detault	01-28		Delete
second)	2	Interna	07,17.00		Oelete
1	3	Invitados	07,21-24		Delata
PGE Staup Monitoring					

12. Configure ports 17 to 20 with PVID 2 and 21 to 24 with PVID 3. Port 7, which the router is plugged into, can remain as PVID 1 because it belongs to VLAN 1, **Apply** the changes.

Port 01	02	03	04	05	06	07	08	09	10	11	12	13	14
PVID 1	1	1	1	1	1	1	1	1	1	1	1	1	1
Port 15	16	17	18	19	20	21	22	23	24	25	26	27	28
PVID 1	1	2	2	2	2	3	3	3	3	1	1	1	1

13. Save the configuration on the switch for that go to **Save > Save Configuration**.





14. Click the **Save Config** button.

ve Configuration	
ase press the "Save" button to save system settings to flash.	Save Config