Enabling SNMP on ZyXEL GS2210 Switches

By default, SNMP is configured in v1 and v2c with the community « public ».

To change the SNMP settings, go to the switch's web interface by typing its IP in the URL. Go to the menu « (1)Managment \Rightarrow (2)Access Control \Rightarrow (3)SNMP ».

ZyXEL			
Basic Setting	Access Control		
Advanced Application	-		
IP Application	SNMP	Click Here 3	
Monogoment	Logins	Click Here	
ຄ Management	Service Access Control	Click Here	
221	Remote Management	Click Here	
6 Maintenance			
Access Control			
System			
Cluster Management			
MAC Table			
ARP Table			
Path MTU Table			
Configure Clone			
Neighbor Table			

You will arrive on the following page:

Basic Setting Advanced Application	General Se	MP		Acces	<u>s Control</u>	<u>Trap Group</u>	<u>User</u>
IP Application	Version			v3v2c 🗸			
Management	Get Community			esia			
Maintenance	Set Community			esia			
Access Control	Tran Community			osia			
Diagnostic	Trap Community			esia			
Syslog							
Cluster Management							
MAC Table	Trap Desti	nation					
	Version IP			Port		Username	е
ARP Table			Y				
ARP Table Path MTU Table	v2c 🗸	0.0.0.0	162	Ĩ			
ARP Table Path MTU Table Configure Clone	v2c 🗸	0.0.0.0	162	Į			
ARP Table Path MTU Table Configure Clone Neighbor Table	v2c ✔ v2c ✔	0.0.0.0	162 162				
ARP Table Path MTU Table Configure Clone Neighbor Table	v2c ~ v2c ~ v2c ~	0.0.0.0 0.0.0.0 0.0.0.0	162 162 162				
ARP Table Path MTU Table Configure Clone Neighbor Table	v2c ↔ v2c ↔ v2c ↔	0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0	162 162 162 162				

- **Version**Choose the version of SNMP you wish to use. v2c, v3 or both (v2c is backward compatible with SNMP v1, so you can use SNMP v1 with the configuration of SNMP v2c).
- **Get Community**Choose the community for SNMP Get-requests. (Read requests).
- **Set Community**Choose the community for SNMP Set-requests. (Write requests. Not necessary for Esia).
- Trap CommunityChoose the community for SNMP Trap (Not required for Esia).

To configure SNMP v1 or v2c for Esia, simply select v2c in the field **Version** field, then fill in the **Get Community**.

Then click on « Apply ».

Don't forget to click on « Save » at the top right of the page. Otherwise your configuration will be lost after the switch is rebooted.

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					🖪 Save	🗟 Status 🗎 Logout
c Setting	🔵 User Info	rmation	SNMP Setting			
anced Application	Username	esia				

If you want to configure SNMP v3

If you selected v3 in the previous menu, you need to configure an SNMP user.

From the SNMP configuration page, click on the « User ». This will take you to the following page:

Basic Setting	C (User Inf	ormation		SNMP Setting	
Advanced Application	Username	esia			
Management	Security Level	priv 🗸			
	Authentication	MD5 🗸	Password		
Maintenance Access Control	Privacy	DES 🗸	Password		
Diagnostic Syslog	Group	readonly 🗸			
Cluster Management					
MAC Table					
ARP Table Path MTU Table			Add Cancel Clear		
Configure Clone					
Neighbor Table	Index	Username	Security evel Authentication Privacy	Group	Delete

- User NameEnter a user name.
- Security LevelChoose the security mode.
 - noauth: No security.
 - $\circ\,$ auth: Authentication by user and password.
 - priv: Authentication by user and password + encrypted communication.
- **Authentication** If you have selected auth or priv, choose the authentication algorithm (MD5 or SHA). And fill in the Password field on the right.
- **Privacy**If you have selected priv, choose the encryption method (DES or AES). And fill in the Password field on the right.

- **Group**Choose the user's group.
 - admin: Note that this group will give the SNMP user all system access and the ability to manage administrator accounts.
 - \circ readwrite: Gives read and write rights (Esia only needs read rights).
 - readonly: Gives read-only rights.

Then click on « Add ».

That's it, SNMP is now configured for version v3.

Don't forget to click on « Save » at the top right of the page. Otherwise your configuration will be lost after a switch reboot.

ZyXEL			🗟 Save 👌 Status 🛙 Logout 🖬 Help
Basic Setting	User Information	SNMP Setting	
Advanced Application	Username esia		
IP Application Management	Security Level priv 🗸		

For more information, consult the online manual : See the ZyXEL GS2210 Manual.

