

National Enhance Technology Corp.

Procedures

Model Number : NV-802S

Product Name : 8 Ports VDSL2 IP DSLAM

Procedure Type : MAC filter

Date : 2015/02/17



Forewords:

There are 2 types of Mac Addresses:

Unicast (normal) Mac Address : is a unique identifier for a PC or a device on the network. This is what the DSLAM is able to filter. They begin the prefix 00:05:6E....(example)

Multicast Mac Address: is a logical identifier for a group of hosts in a computer network. The DSLAM is not able to filter this kind of addresses. They begin with the prefix 01:00:5E....(example)

NV-802S only support unicast Mac address filtering.

• Procedures:

- 1. Connects NV-802S to PC.
- 2. Access web management, default IP is **192.168.16.249**, default username is **admin**, and default password is **123**.
- If user uses 802.1q tagging VLAN (Figure 1.1), when user would like to use MAC filter(Figure 1.2), user need specify a VLAN ID. If user only use default VLAN group, the VLAN ID need input number "1". Please note that the VLAN ID does not displays in the MAC filter page, user need specify a VLAN ID by yourself.

MENU				
Home				
Administration	V/LAN Config	unchien		
🗆 L2 Features	VLAN CONTIG	VLAN Configuration		
🗉 VLAN Configuration	VLAN Operation Mode: 802.11	VLAN Operation Mode: 802.1Q		
Static VLAN GVRP VLAN				
QinQ VLAN				
Forwarding & Filtering				
IGMP Snooping				
Spanning Tree	Basic	VLAN filter		
DHCP Relay & Opt.82				
LLDP	VLAN Informat	ion		
⊞ ACL	DEFAULT1	* ·		
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Monitoring				
VDSL2				
Reset System				
Reboot				
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	Add Edit Delete PrePage	NextPage Help		

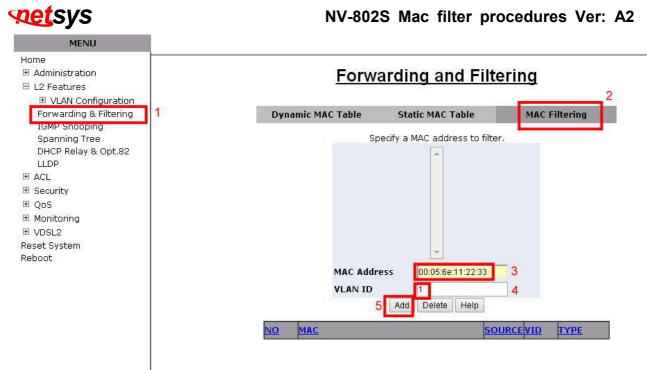


Figure 1.2 Add MAC Filter- Specify VLAN ID

4. If user added the MAC address and VLAN ID, it will shows the middle window and below tables. (Figure 1.3)

Forwarding and Filtering

Dynamic MAC Table	Static MAC Table	MAC F	iltering
	ecify a MAC address to f	filter.	
00:05:6	E:11:22:33	<u>_1</u>	
MAC address, that u	ser want to filter	Sp	ecify VLAN ID
MAC Addre			
VLAN ID	Add Delete Help		
NO MAC		SOURCE VID	TYPE
1 00:05:6	E:11:22:33	Filter 1	Static

Figure 1.3 MAC Filter added



5. If user disable VLAN function(Figure 1.4), the VLAN ID of Mac filter page that does not need input(Figure 1.5).

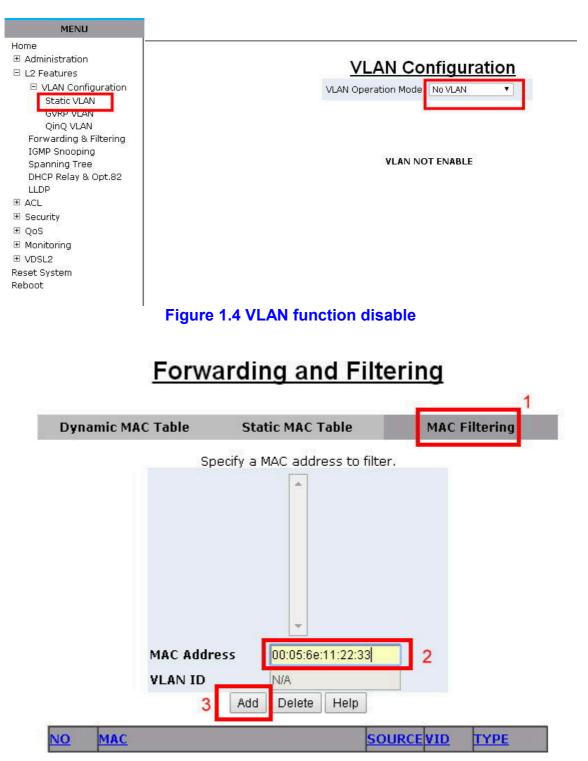


Figure 1.5 Mac filter- do not need input VLAN ID



6. If user added the MAC address, it will shows the middle window and below tables. (Figure 1.5)

Dynamic MA	C Table	Static MAC Tabl	e MAI	C Filtering
		ecify a MAC address E:11:22:33	to filter.	
			_	If Vlan function disable, the VLAN ID will show "0"
	MAC Addre VLAN ID	ss N/A Add Delete He	lp	
NO MAC	00:05:6	E:11:22:33	Filter (

Forwarding and Filtering

Figure 1.5 Add MAC filter