## FAQ for Vigor Switch G2240

### How to bind a MAC address with a specified port?

- 1. Log in VigorSwitch WUI. Open MAC>> MAC Address Table.
- 2. Disable the specified port members for MAC Table Learning, and click the Save button.

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VigorSwitch G2240 🚊	MAC A	dd	res	s Ta	able	e Ce	onfl	gu	ratio	on																		-
System     Port     Invan	Aging C	Aging Configuration																										
MAC	Age tir	ne					30	00		seco	nds																	
MAC Address Table Static Filter	Disabl	e ai	uton	nati	c ag	ing	Г	1																				
Static Forward MAC Alias MAC Table	MAC T	able	Le	arn	ing																							
<b>⊡</b> GVRP		Po	ort N	1em	ber	s																						
⊡QoS	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
	Auto	C	C	C	С	С	C	œ	æ	œ	æ	œ	œ	œ	œ	¢	æ	œ	œ	œ	œ	œ	œ	¢	œ			
	Disable	6	c	6	•	c	•	0	C	C	0	C	c	C	C	C	0	C	С	0	C	0	0	C	C			
<b>∃802.1X</b>	Secure	C	C	C	0	C	C	C	С	С	С	С	С	С	C	0	C	C	С	С	C	C	C	C	C			
Trunk				2																								
	Save	Re	set																									Ē

3. Open MAC>>Static Forward. Fill the MAC address, Port, VID and Alias in each column, and then click Apply.

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VigorSwitch G224U  System Port	Static Forward	*
∀Vian     ⊡MAC     MAC Address Table	MAC Port No VID Alias	
Static Filter Ctatic Forward MAC Alias MAC Table	No         MAC         Port         VID         Alias           1         00.02.10.01.00.00.00.00.00.00.00.000.000	
GVRP     GVRP     QoS     SNMP     TACL		
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# How to bind a specified IP address with a specified port (support model : G2240) ?

1. Login VigorSwitch WUI. Open ACL >>Access Control List.

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VigorSwitch G2240  System  Reart	Access Con	trol List Configuratior	1			Auto-refresh	🗖 Refresh Clear	
	Ingress Port	Frame Type	Action	Rate Limiter	Port Copy	Counters		
	Any	ARP	Deny	1	Disabled	7826		
	Any	ARP	Permit	1	Disabled	526287		
<b>EGVRP</b>	Any	ARP	Permit	3	Disabled	0		
₩QoS	Any	ARP	Permit	1	Disabled	0		
SNMP	Any	ARP	Permit	Any	Disabled	28806		
	Any	undefined	Deny	Any	Disabled	0		
Ports	Any	EType	Deny	Any	Disabled	0		
Rate Limiters	Any	IPv4/DHCP Client (Out)	Permit	Any	Disabled	41701		
Access Control List	Any	IPv4/DHCP Server (Out)	Permit	Any	Disabled	3277		
Wizard	Any	IPv4/Other	Permit	Any	Disabled	9616		
IP MAC Binding	Any	IPv4 DIP:192.168.16.253	Permit	Any	Disabled	4756		
±802.1X	Any	undefined	Permit	Any	Disabled	17181		
<b>⊞Trunk</b>	Any	EType	Permit	Any	Disabled	0		
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- 2. Click the  $\oplus$  button for adding a new filter rule.
- 3. Drop down the menu of **Ingress Port** and **Frame Type** to select a specified port and IPv4. Keep the Action as default, **Permit**, in **ACE Configuration** field.

#### ACE Configuration



Action	Permit 💌
Rate Limiter	Disabled 💌
Port Copy	Disabled 💌
Counter	0

4. Drop down the menu of **SIP Filter** and **SIP Address** to select **Host** and fill in a specified IP address in **IP Parameters** field.



Apply
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5. Add a rule for denying packets with Frame Type - IPv4 in the end of the ACL for rejecting illegal access.

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Port j Vlan	Port 20	IPv4 SIP:172.16.2.209	Permit	Any	Disabled	11573241	⊕© ©©⊗
GVRP	Port 21	IPv4 SIP:172.16.2.200	Permit	Any	Disabled	Ő	<b>00</b> 00
QoS SNMP	Port 21	IPv4 SIP:172.16.2.201	Permit	Any	Disabled	0	
Ports	Port 22	IPv4 SIP:172.16.2.218	Permit	Any	Disabled	O	<b>O</b>
Rate Limiters Access Control Lisi	Port 22	IPv4 SIP:172.16.2.219	Permit	Any	Disabled	0	⊕⊕ @⊕⊗
Wizard IP MAC Binding	Port 24	IPv4 SIP:172.16.2.229	Permit	Any	Disabled	1476706	⊕© @⊕⊗
302.1 X	Port 23	Any	Permit	Any	Disabled	19101872	⊕⊕ @⊕⊗
STP MSTP	Any	IPv4	Deny	Any	Disabled	924473	
Mirroring	-1						<b>(</b>

### How to export configuration by console or telnet command?

- 1. Set a TFTP server in the same segmentation with VigorSwitch at first.
- 2. Run HyperTerminal of XP and then login VigorSwitch by console cable.
- 3. Open config-file submenu, then export the configuration by typing "export <current | user> <tftp service IP address>".

# How to manage VigorSwitch with a specified IP address or Port? (Support Model : G2240)

- Log in VigorSwitch WUI. Open System >> Management Policy, and click Add to add a new policy.
- Type a name for the new policy (e.g., Tang). Click the Custom radio button and fill IP address in IP Range field.
- 3. Click the **Custom** radio button in **Incoming Port** area. Click **Deny** or **Accept** as the action.

DrayTek Auto Logout 3 min 💌	Dray Tel.	14G WE Factoria	- <del>(1</del>	Ĥ	H			 :	1994 	
VigorSwitch G2240	Na	me			IP F	Range			Access Type	
System Information Account Time IP Configuration Loop Detection Management Policy	Tang	]	C AI C CI 172.	ny Jstom 16.2.177	172	.16.2.177	-		© Any ○ Custom □ HTTP □ TELNET □ SNMP	
System Log				Incoming	j Port				Action	
<pre></pre>	C Any C Custom									
	1. 🗆	2. 🗆	з. 🗆	4. 🗖	5. 🗆	6. 🗆	7. 🗖	8. 🗖	C Deny	
± GVRP ± QoS	9. 🗖	10. 🗆	11. 🗖	12. 🗆	13. 🗖	14. 🗆	15. 🗹	16. 🗆	Accept	
	17. 🗆	18. 🗖	19. 🗖	20. 🗖	21. 🗖	22. 🗖	23. 🗖	24. 🗆		
Ports	Apply									

Note: If only permitting or rejecting for specified ports to access VigorSwitch, just reserve the original setting in IP Range and modify the Incoming Port number. Finally click
 Accept or Deny as the action. Below shows the result of management policy list:

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VigorSwitch G2240	Man	ageme	ent Policy List						
Account	(P	No	Name	IP Range	Access Type	Action			
Time	19 - 18 - 18 - 18 - 18 - 18 - 18 - 18 -		a second second	Port Members		1			
IP Configuration		1	Tang	172.16.2.177-172.16.2.177	Any	Allow			
Loop Detection		· 1		1 2 15 23					
Management Dalia	<u></u>	1023	172.16.2.242	Any	Any	Allow			
System Log		2	Any						
virtual Stack		r	- T						
Port	Add	Dele	te						