

步驟2

接下來，我們導覽至MAC Address Tables > Dynamic Addresses，然後驗證與交換機埠2(GE2)關聯的PC的MAC地址。

Dynamic Addresses

Dynamic Address Table

Clear Table

Filter: VLAN ID equals to [] (Range: 1 - 4094)
 MAC Address equals to []
 Interface equals to Port GE1 LAG 1

VLAN ID	MAC Address	Interface
VLAN 1	00:e0:4c:01:06:fb	GE24
VLAN 1	3c:07:54:75:b2:1d	GE2
VLAN 1	ec:bd:1d:44:57:88	GE24

步驟3

導航到Security選單，選擇交換機埠2(GE2)，然後按一下edit圖示。我們將啟用Interface Status旁邊的Lock選項。學習模式將顯示為經典鎖。我們將Action on Violation保留為Discard，然後按一下Apply。

Port Security

Port Security Table

Filter: Interface Type

Entry No.	Interf
<input type="radio"/> 1	GE1
<input checked="" type="radio"/> 2	GE2
<input type="radio"/> 3	GE3
<input type="radio"/> 4	GE4
<input type="radio"/> 5	GE5
<input type="radio"/> 6	GE6
<input type="radio"/> 7	GE7
<input type="radio"/> 8	GE8
<input type="radio"/> 9	GE9
<input type="radio"/> 10	GE10
<input type="radio"/> 11	GE11
<input type="radio"/> 12	GE12
<input type="radio"/> 13	GE13
<input type="radio"/> 14	GE14

Interface: Port GE2 LAG 1

Interface Status: Lock Unlocked

Learning Mode: Classic Lock Limited Dynamic Lock Secure Permanent Secure Delete on Reset

Max No. of Addresses Allowed: 1 (Range: 0 - 256, Default: 1)

Action on Violation: Discard Forward Shutdown

Trap: Enable

Trap Frequency: 10 sec (Range: 1 - 1000000, Default: 10)

Apply Close

步驟4

螢幕上將顯示成功通知，因此我們按一下關閉。

Edit Port Security Interface Settings

X

Success. To permanently save the configuration, go to the [File Operations](#) page or click the Save icon.

Interface: Port GE2 LAG 1

Interface Status: Lock

Learning Mode: Classic Lock
 Limited Dynamic Lock
 Secure Permanent
 Secure Delete on Reset

Max No. of Addresses Allowed: 1 (Range: 0 - 256, Default: 1)

Action on Violation: Discard
 Forward
 Shutdown

Apply Close

步驟5

GE2介面狀態將顯示為Locked。

Port Security

Port Security Table

Filter: Interface Type equals to Port Go

Entry No.	Interface	Interface Status	Learning Mode	Max No. of Addresses Allowed	Action on Violation	Trap	Trap Frequency (sec)
<input type="radio"/> 1	GE1	Unlocked	Classic Lock	1		Disabled	
<input checked="" type="radio"/> 2	GE2	Locked	Classic Lock	1	Discard	Disabled	
<input type="radio"/> 3	GE3	Unlocked	Classic Lock	1		Disabled	

步驟6

導航到MAC地址表>靜態地址。與GE2介面關聯的PC MAC地址將反映在靜態地址表中。

Static Addresses

Static Address Table

VLAN ID	MAC Address	Interface	Status
<input checked="" type="checkbox"/> 1	3c:07:54:75:b2:1d	GE2	Secure

第7步

我們將將PC從交換機埠2(GE2)移至交換機埠4(GE4)，並確保GE4介面的 *Operational Status* 顯示Up。

Port Settings

Link Flap Prevention: Enable
 Jumbo Frames: Enable
 Jumbo frames configuration changes will take effect after saving the configuration and rebooting the switch.

Port Settings Table

Entry No.	Port	Port Type	Operational Status	Link Status SNMP Traps	Time Range		Port Speed	Duplex Mode
					Name	State		
<input type="radio"/> 1	GE1	1000M-Copper	Down	Enabled				
<input type="radio"/> 2	GE2	1000M-Copper	Down	Enabled				
<input type="radio"/> 3	GE3	1000M-Copper	Down	Enabled				
<input type="radio"/> 4	GE4	1000M-Copper	Up	Enabled			1000M	Full
<input type="radio"/> 5	GE5	1000M-Copper	Down	Enabled				

步驟8

導航到MAC地址表>靜態地址。與GE2介面關聯的PC MAC地址仍將顯示在靜態地址表下。

Static Addresses

Static Address Table

VLAN ID	MAC Address	Interface	Status
<input type="checkbox"/> 1	3c:07:54:75:b2:1d	GE2	Secure

步驟9

導航到MAC地址表>動態地址。PC (MAC地址3c:07:54:75:b2:1d) 連線到GE4介面。即使GE4介面的運行狀態為Up,PC仍將無法獲得動態主機配置協定(DHCP)IP地址。在動態地址表中，我們可以驗證相同內容。

Dynamic Addresses

Dynamic Address Table

Clear Table

Filter: VLAN ID equals to [] (Range: 1 - 4094)
 MAC Address equals to []
 Interface equals to Port LAG 1 Go Clear Filter

VLAN ID	MAC Address	Interface
VLAN 1	00:e0:4c:01:06:fb	GE24
VLAN 1	ec:bd:1d:44:57:88	GE24

PC (MAC地址3c:07:54:75:b2:1d) 在連線到GE2介面時只會獲得DHCP IP地址，因為靜態地址表顯示MAC地址與GE2介面繫結。如果要從GE2介面刪除PC MAC地址以便可以在另一個埠上使用它，我們需要按照下面的可選步驟解鎖埠。

第10步 (可選)

取消選中Lock單選按鈕，然後按一下Apply。

Edit Port Security Interface Settings

X

Interface: Port GE2 LAG 1

Interface Status: **1** Lock

Learning Mode: Classic Lock
 Limited Dynamic Lock
 Secure Permanent
 Secure Delete on Reset

* Max No. of Addresses Allowed: 1 (Range: 0 - 256, Default: 1)

Action on Violation: Discard
 Forward
 Shutdown

Trap: Enable

* Trap Frequency: 10 sec (Range: 1 - 100000, Default: 10)

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第11步 (可選)

Interface Status現在將顯示為解除鎖定。

Port Security Table



Filter: Interface Type equals to Port

	Entry No.	Interface	Interface Status	Learning Mode	Max No. of Addresses Allowed
<input type="radio"/>	1	GE1	Unlocked	Classic Lock	1
<input type="radio"/>	2	GE2	Unlocked	Classic Lock	1
<input type="radio"/>	3	GE3	Unlocked	Classic Lock	1

步驟12

最後，按一下save圖示永久儲存配置。



admin

English



Advanced



結論

這樣，您就從韌體版本3.1及更高版本瞭解了新埠安全預設行為！

正在查詢有關CBS250或CBS350交換機的更多文章？檢視以下任何連結以瞭解更多資訊！

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