CyberExpert “網路管理專家”

用戶使用指南

Revision 1.0

VIA TECHNOLOGIES, INC.

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Revision History

Release	Date	Revision	Initials
1.0	2014-06-13	For initial draft release.	HarryChiang

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CyberExpert “網路管理專家” 用戶使用指南目錄

1. “網路管理專家”網頁啓動 5

2. “網路管理專家”帳號設定 8

2-1. Account 8

2-2. Settings 12

3. “網路管理專家”網路設備總覽 16

3-1. Device 16

3-2. Setting 18

3-3. 網路設備總結網頁 26

3-3-1. OverView *27*

3-3-2. Statistics *28*

3-3-3. VLAN *31*

3-3-4. Chart *32*

4. “網路管理專家”網路拓譜圖 35

5. “網路管理專家”無線控制器 37

5-1. AC 37

5-2. AP 40

5-3. Clients 43

6. “網路管理專家”狀態呈報日誌紀錄 46

6-1. AC 日誌 46

6-2. AP/STA 日誌 47

6-3. “網路管理專家”日誌 48

6-4. “網路管理專家”異常日誌 49

7. “網路管理專家”工具 50

8. 關於”網路管理專家” 51

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9. “網路管理專家”版權設定 52

10. 全球服務中心據點 53

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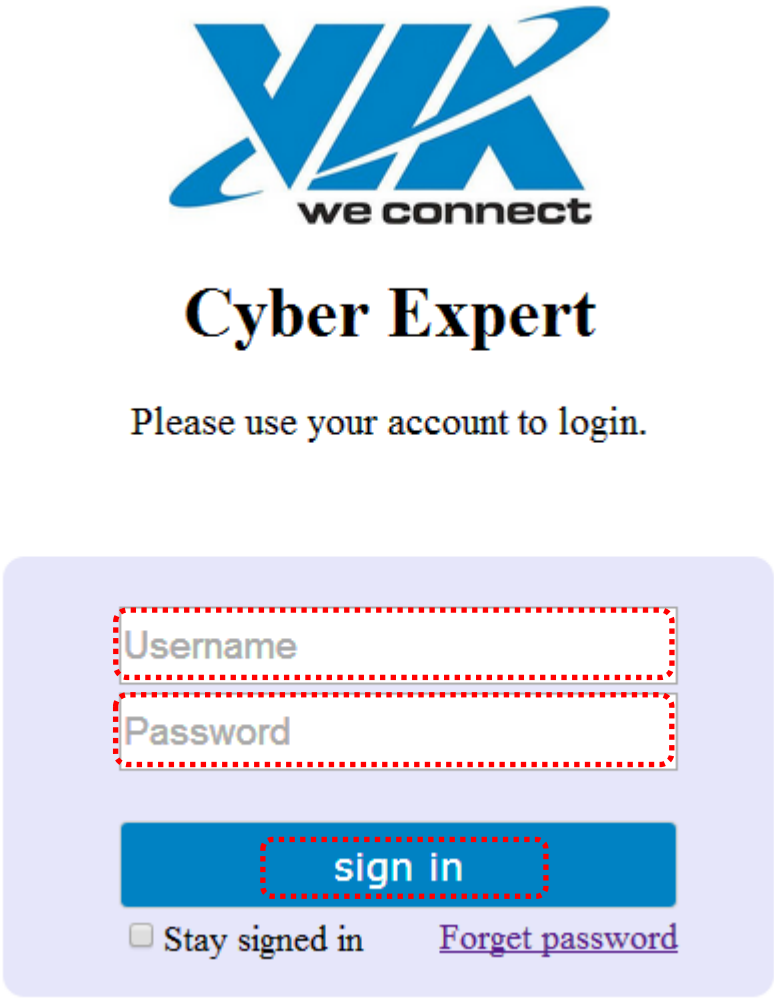
1. “網路管理專家”網頁啓動

步驟 1.　先把”網路管理專家”電源啓動後，”網路管理專家”程式會自動啓動。在任一電腦上執行網路瀏覽器(建議使用 Google Chrome)並輸入伺服器 IP 網址。

進入”網路管理專家”主畫面



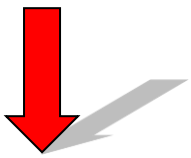
步驟 2. 分別在 UserName 及 Password

都輸入 admin，再將滑鼠點選 sign in 進入

“網路管理專家”初始網頁畫面!

滑鼠點選 Stay signed in 是連續登入七天，無須密碼。

滑鼠點選 Forget password 是忘記密碼時使用。



Device

Collect devices for management and show basic information and status.

Topology

Provide a tree structure to show all managed devices by their logical relationship, and also provide a function to show trace path between any two peers.

WLC

AC-

AC information and Status.

AP-

AP list, real-time chart, history chart and log.

Log

System wide log viewer.

Account

View and edit user account data.

Setting

Modify system settings.

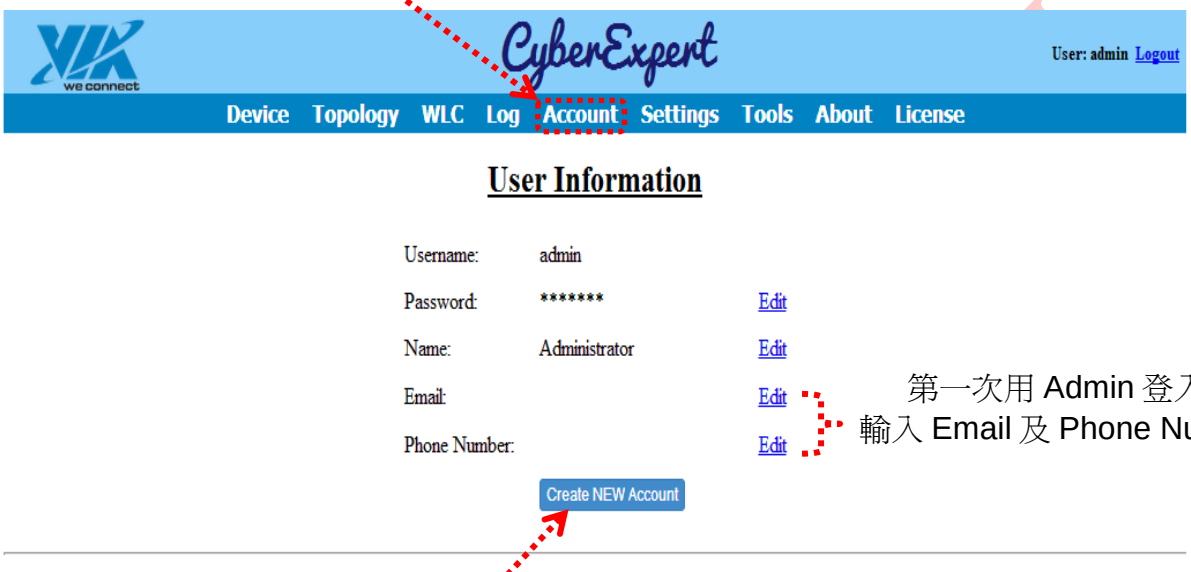
About

Show NMS version and company logo, address, contact persion, e-mail and telephone.

2. “網路管理專家”帳號設定

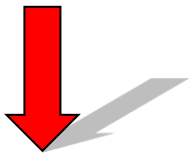
2-1. Account

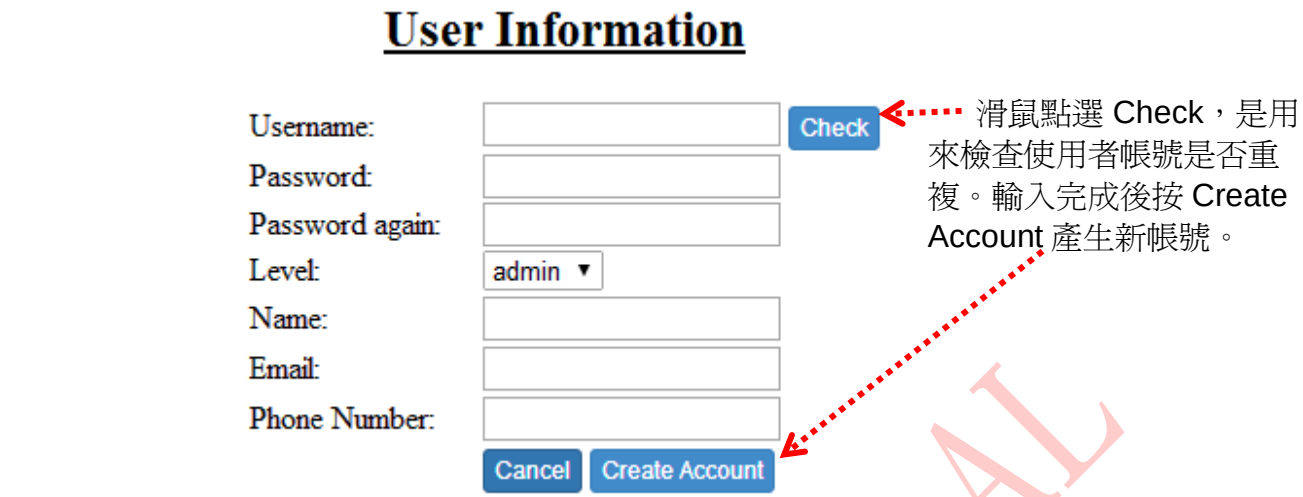
滑鼠點選 Account，是用來設定新增及編輯使用者帳號，第一次用 Admin 登入時，請輸入 Email 及 Phone Number。



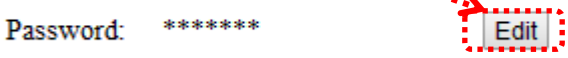
第一次用 Admin 登入時，請輸入 Email 及 Phone Number。

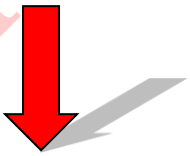
如需設定新增使用者帳號，滑鼠點選 Create NEW Account

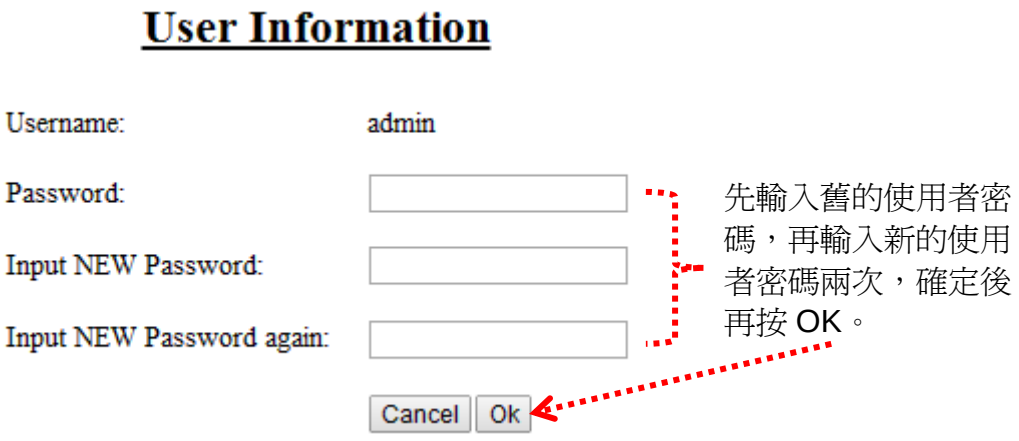




滑鼠點選 Password 旁的 Edit，是用來重新設定使用者密碼







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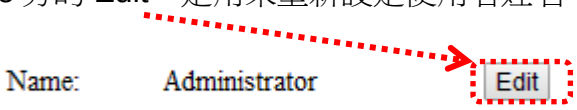
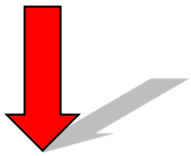
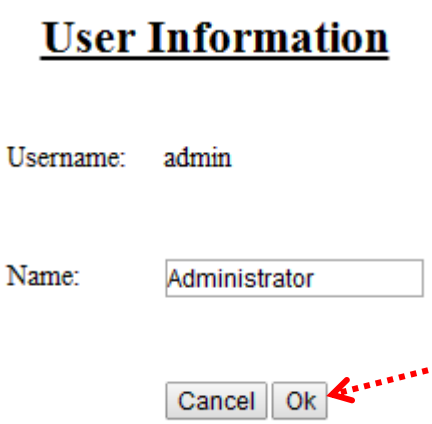
滑鼠點選 Name 旁的 Edit，是用來重新設定使用者姓名

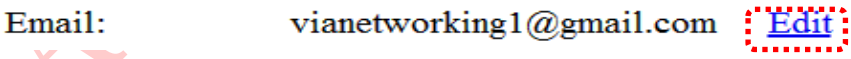


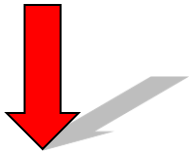




先輸入新的使用者姓名，確定後再按 OK。

滑鼠點選 EMail 旁的 Edit，是用來重新設定使用者電子郵件





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先輸入新的使用者電子郵件，確定後再按 OK。

滑鼠點 Phone Number 旁的 Edit，是用來重新設定使用者電子郵件

先輸入新的使用者手機號碼，確定後再按 OK。

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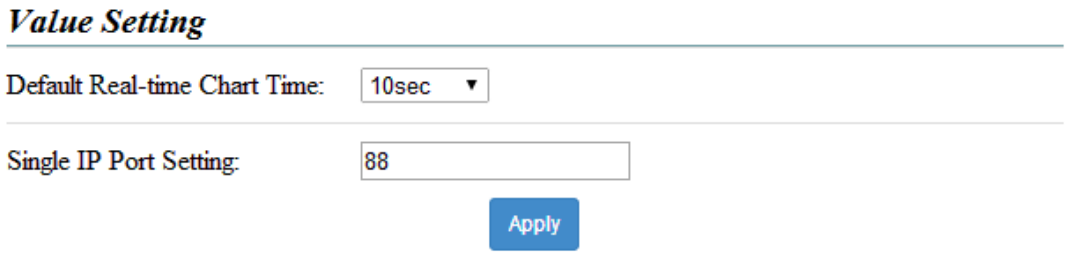
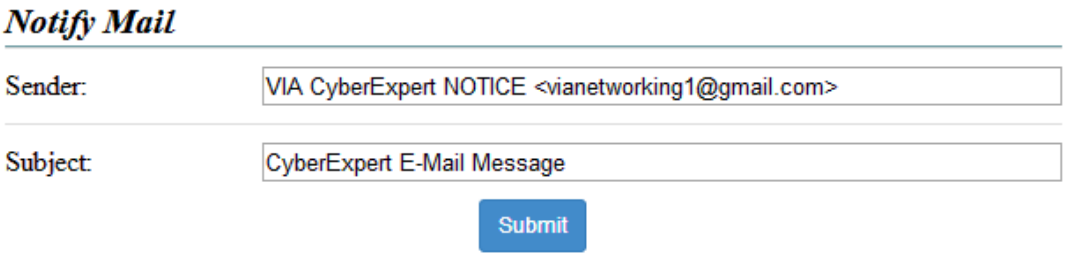
2-2. Settings

滑鼠點選 Settings，是用來設定電子郵件(E-Mail) 帳號、簡訊(SMS)及其他相關設定。

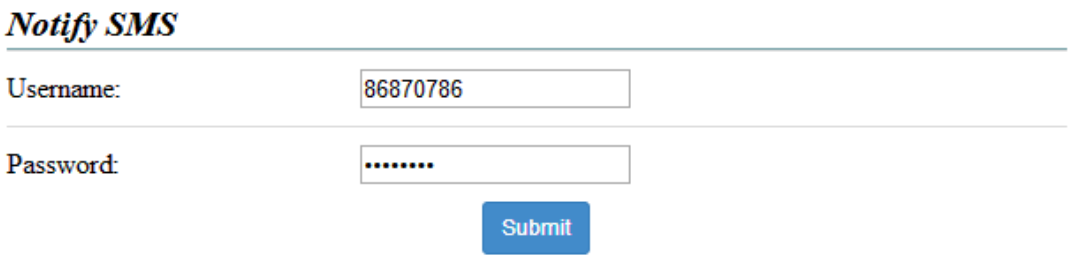
滑鼠點選 Settings，可用來設定及改變即時流量圖更新時間(Default Real-time Chart Time) 及 Single IP Port Setting，設定完成後，滑鼠點選 Apply。



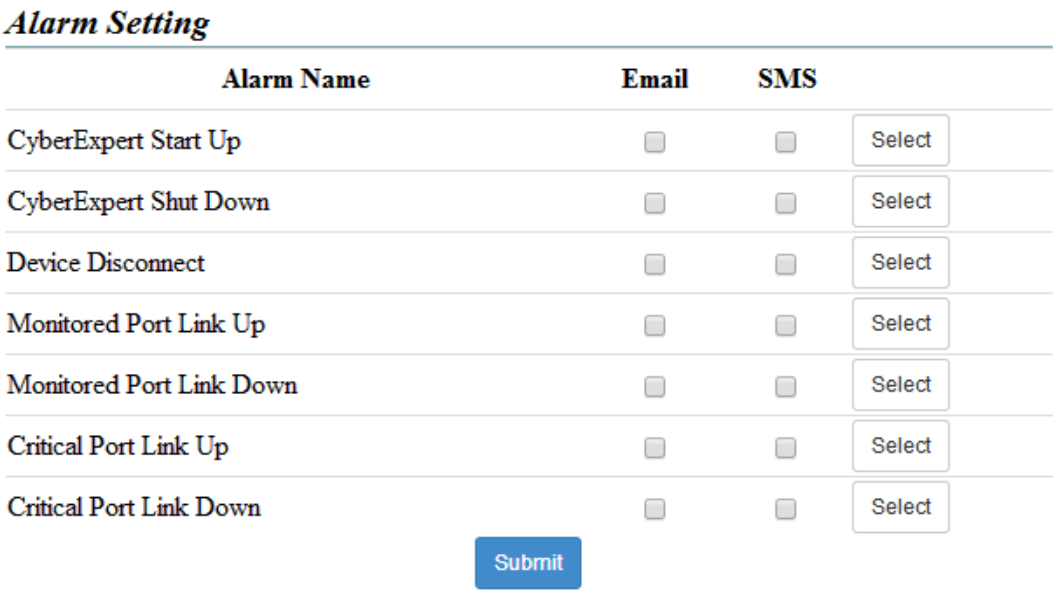
滑鼠點選 Settings，可用來設定及改變電子郵件寄件者，及相關的主旨內容，設定完成後，滑鼠點選 Submit。

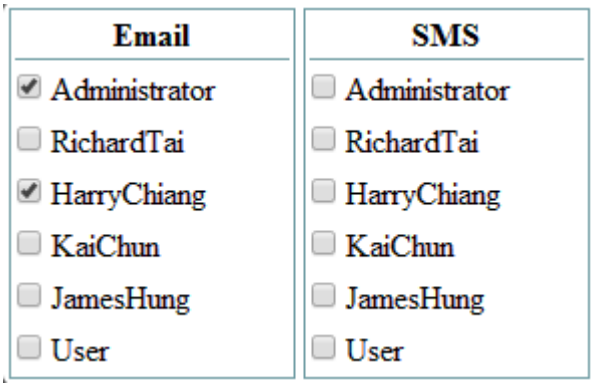


滑鼠點選 Settings，可用來設定及改變網路簡訊使用者帳號，及其密碼(目前是使用三竹簡訊)，設定完成後，滑鼠點選 Submit。



滑鼠點選 Settings，可用來設定及改變異常(Alarm)通知對象，可選擇發送對象的電子郵件(Email)或是簡訊(SMS)，及選擇(Select)欲發送對象，設定完成後，滑鼠點選 Submit。





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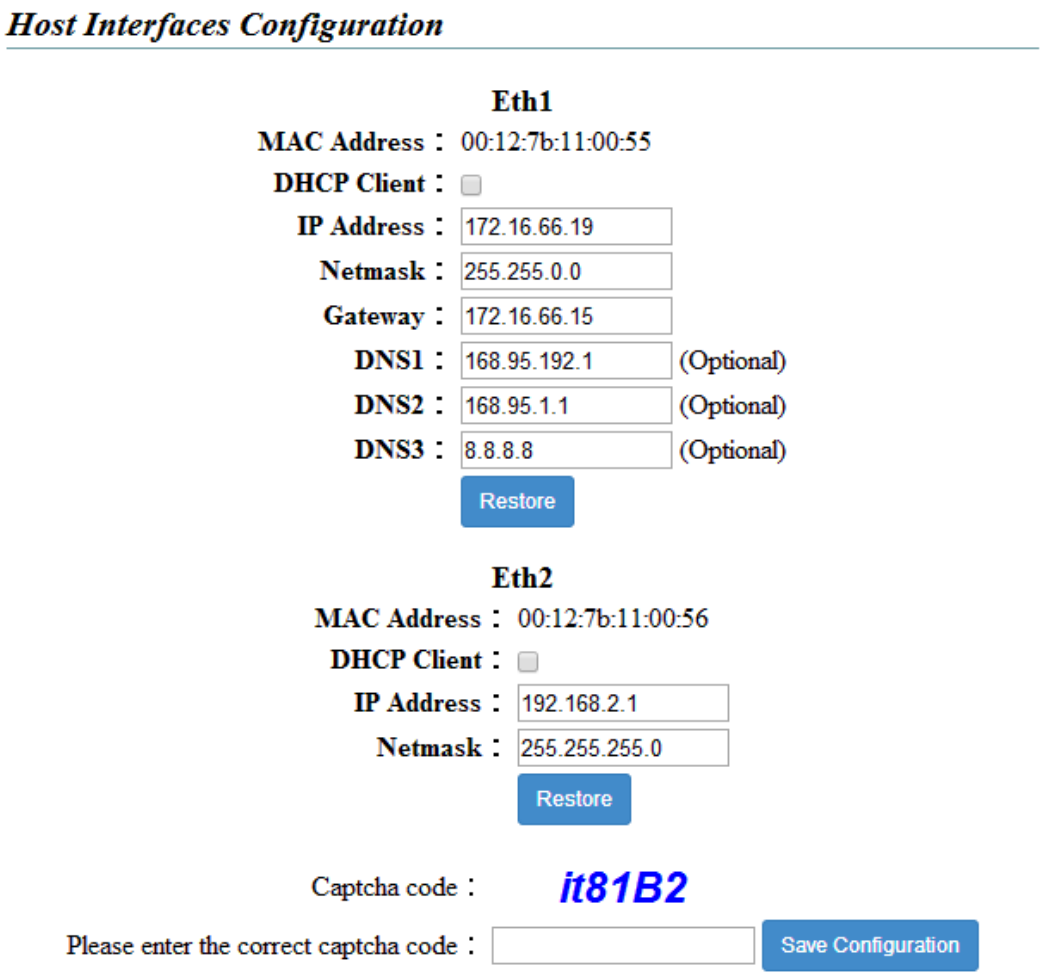
滑鼠點選 Settings，也可用來設定及改變主機網路介面設定(Host Interface Configuration)，設定完成後，輸入驗證碼後按 Save Configuration。



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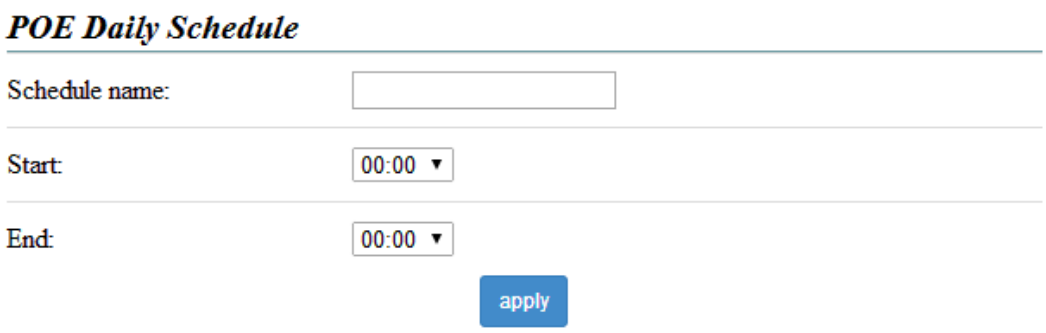
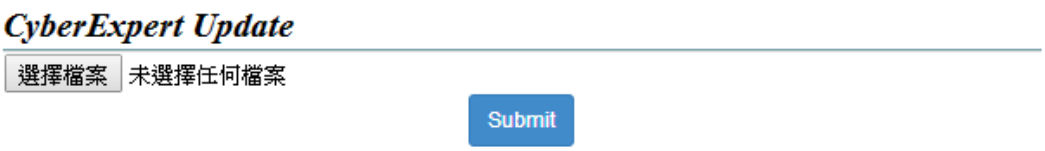
滑鼠點選 Settings，也可用來設定乙太網路供電排程(PoE Daily Schedule)，可指定網口電力供應時段，設定完成後，滑鼠點選 Apply。



滑鼠點選 Settings，可用來 線上更新“網路管理專家”軟體 (CyberExpert Update) 並選擇檔案，設定完成後，滑鼠點選 Submit。



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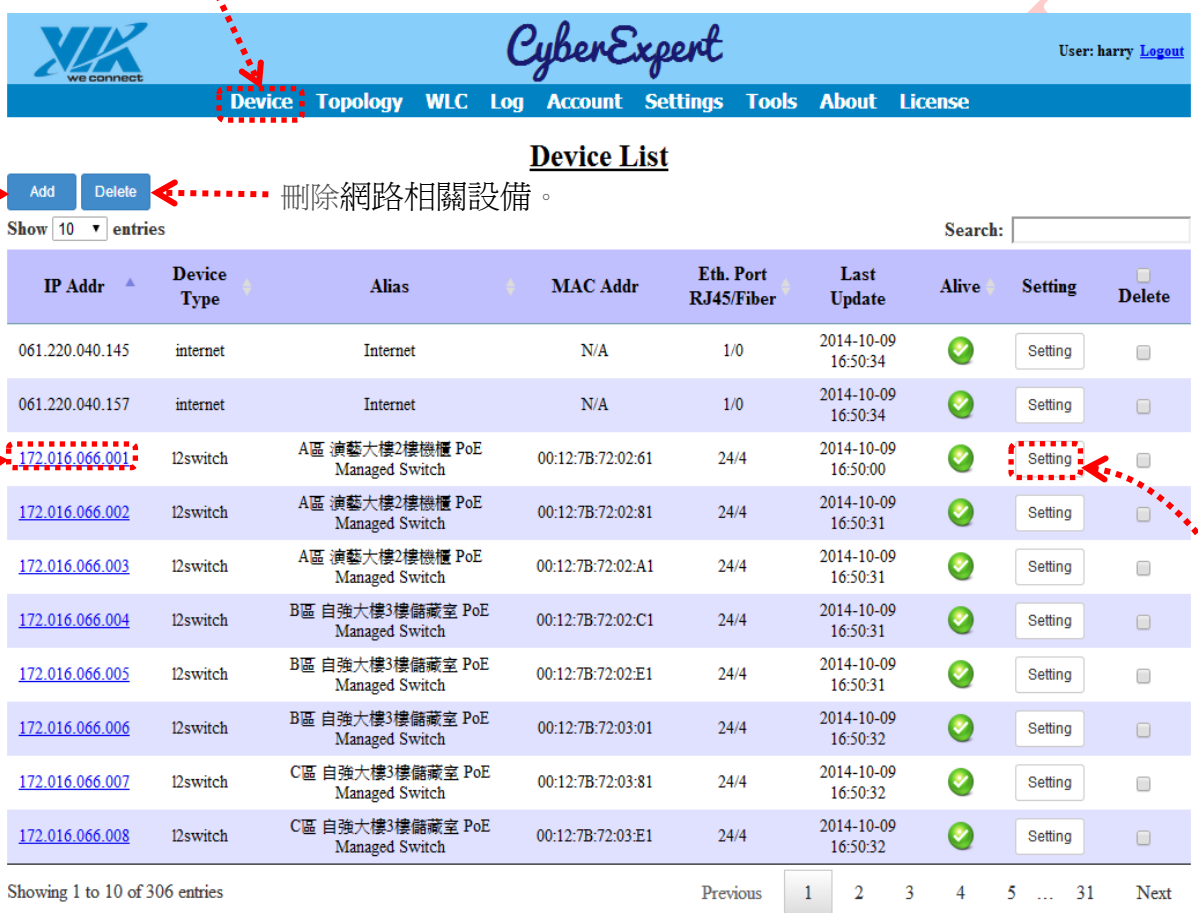
3. “網路管理專家”網路設備總覽

3-1. Device

滑鼠點選 Device，是用來設定新增及移除網路相關設備(例如:L2 、L3 交換器、防火牆等)，”網路管理專家”可以自動網路搜尋網路相關設備。



加入網路相關設備。

刪除網路相關設備。

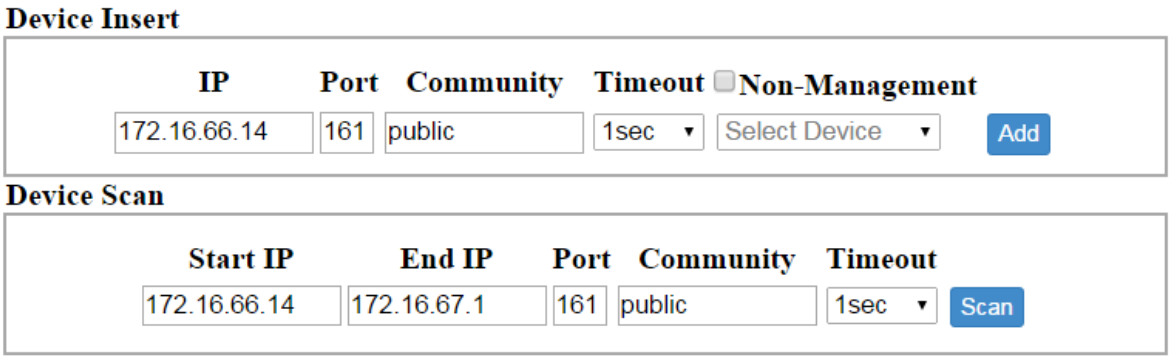
滑鼠點選 IP Addr 的 Device 是進入該台網路設備總結網頁

滑鼠點選 Setting 是進入該台網路設備 設定網頁

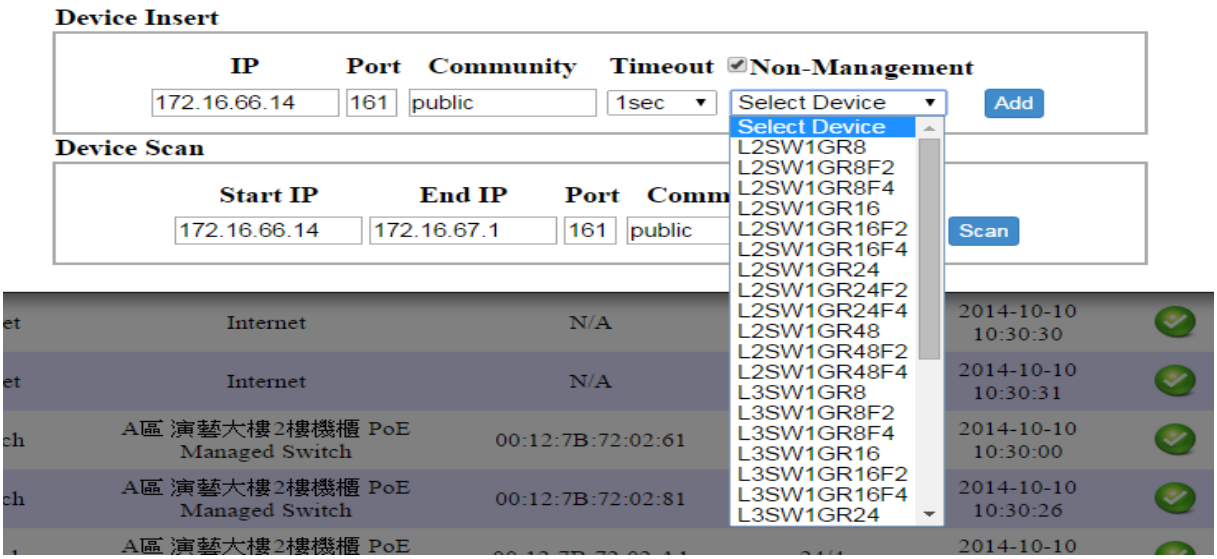
滑鼠點選 Add，是用來新增網路相關設備(例如:L2 、L3 交換器、防火牆等)，網路管理專家可以自動網路搜尋網路相關設備。

Device Insert : 是個別加入網路相關設備，輸入 IP、SNMP Port、Community、SNMP Timeout，"網路管理專家"可以指定網路設備 IP，以個別加入網路相關設備。對於不支持 SNMP 的網路相關設備，需勾選 Non-Management ，以手動方式加入，加入設備的種類有:L2 Switch、L3 Switch、AC、AP、Firewall、Server、PC、Internet。

Device Scan : 是集體方式加入網路相關設備，輸入起始 IP 及終點 IP、SNMP Port、Community、SNMP Timeout，然後網路管理專家可以自動網路搜尋，以集體方式加入網路相關設備。

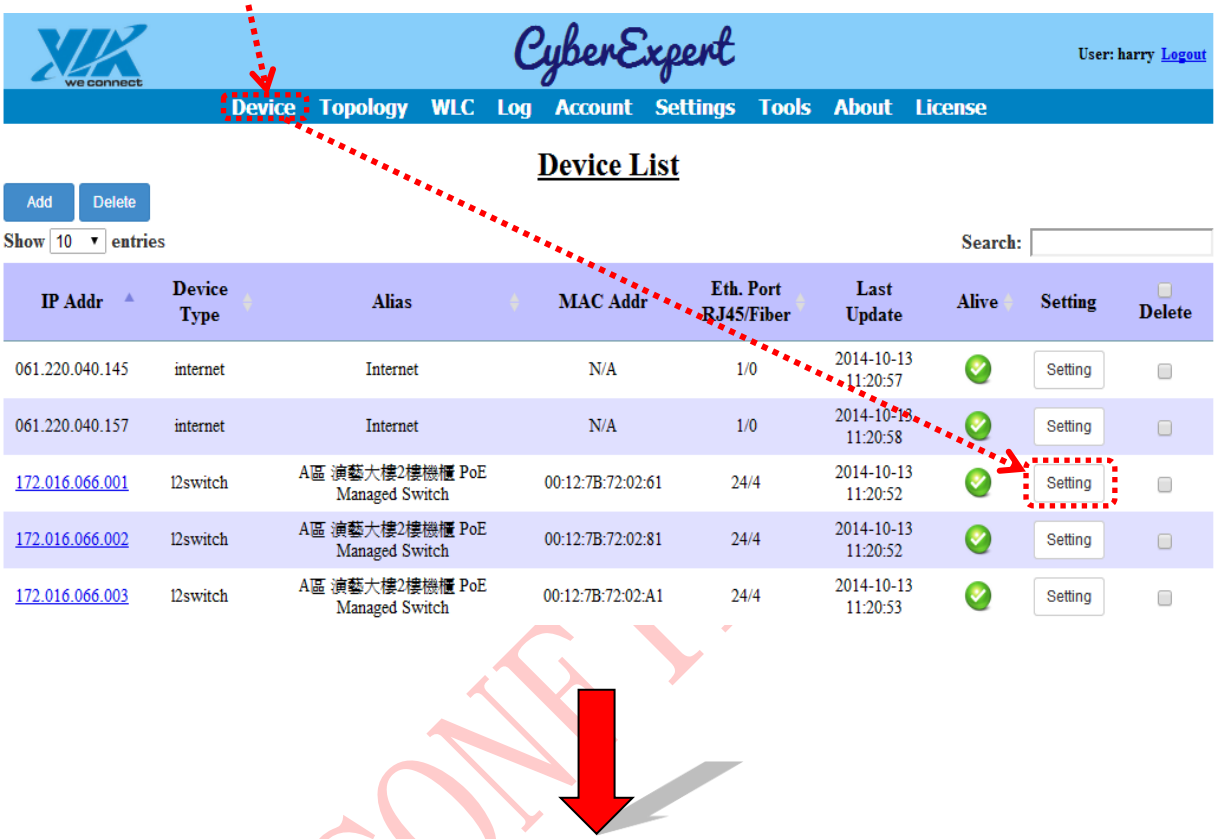


對於不支持 SNMP 的網路相關設備，需勾選 Non-Management ，以手動方式加入，加入設備的種類有:L2 Switch、L3 Switch、AC、AP、Firewall、Server、PC、Internet。



3-2. Setting

滑鼠點選 Device，再點選 Setting 是進入該台網路設備 設定網頁



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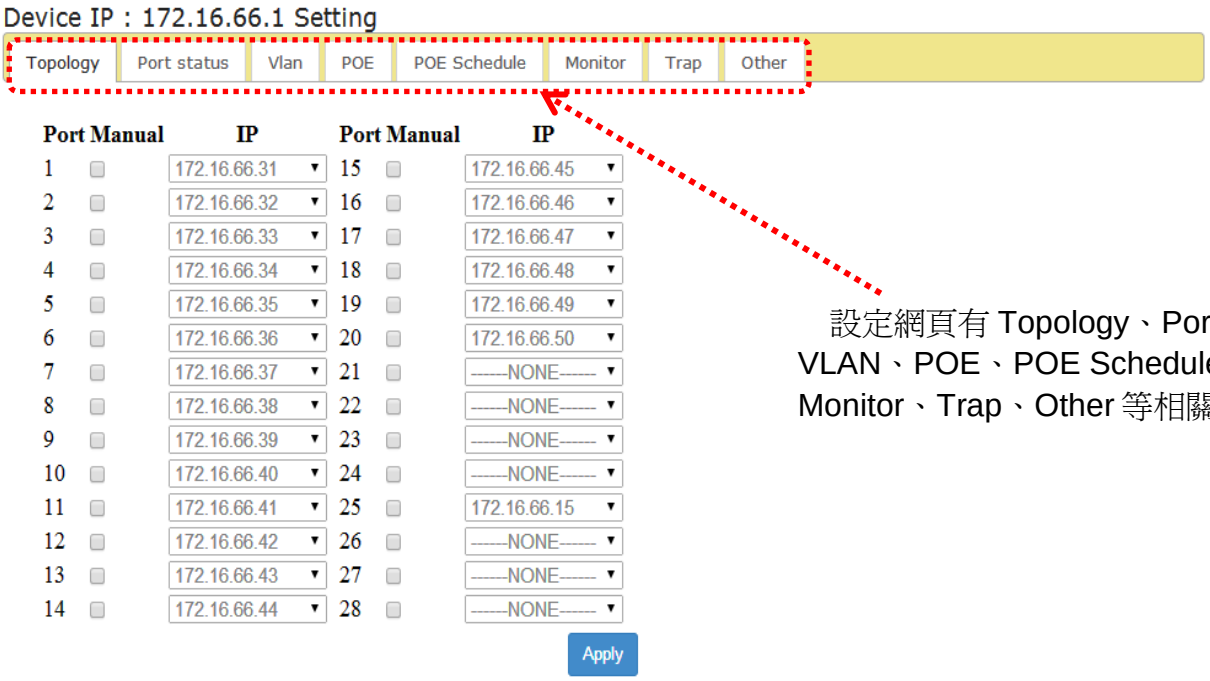
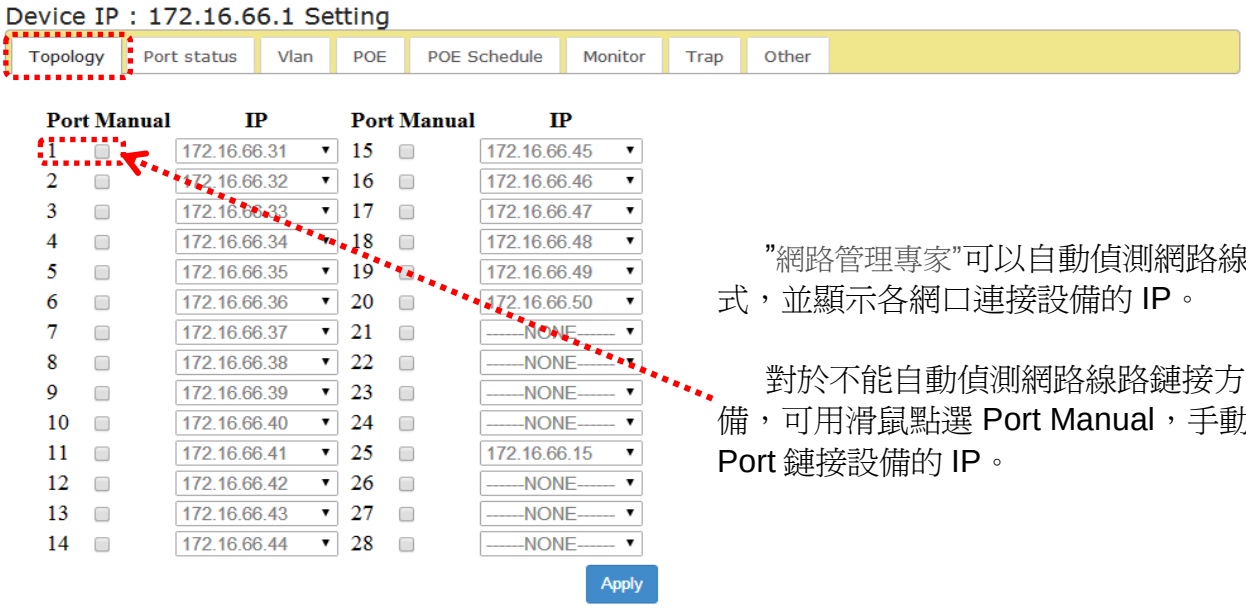


設定網頁有 Topology、Port status、VLAN、POE、POE Schedule、Monitor、Trap、Other 等相關設備設定

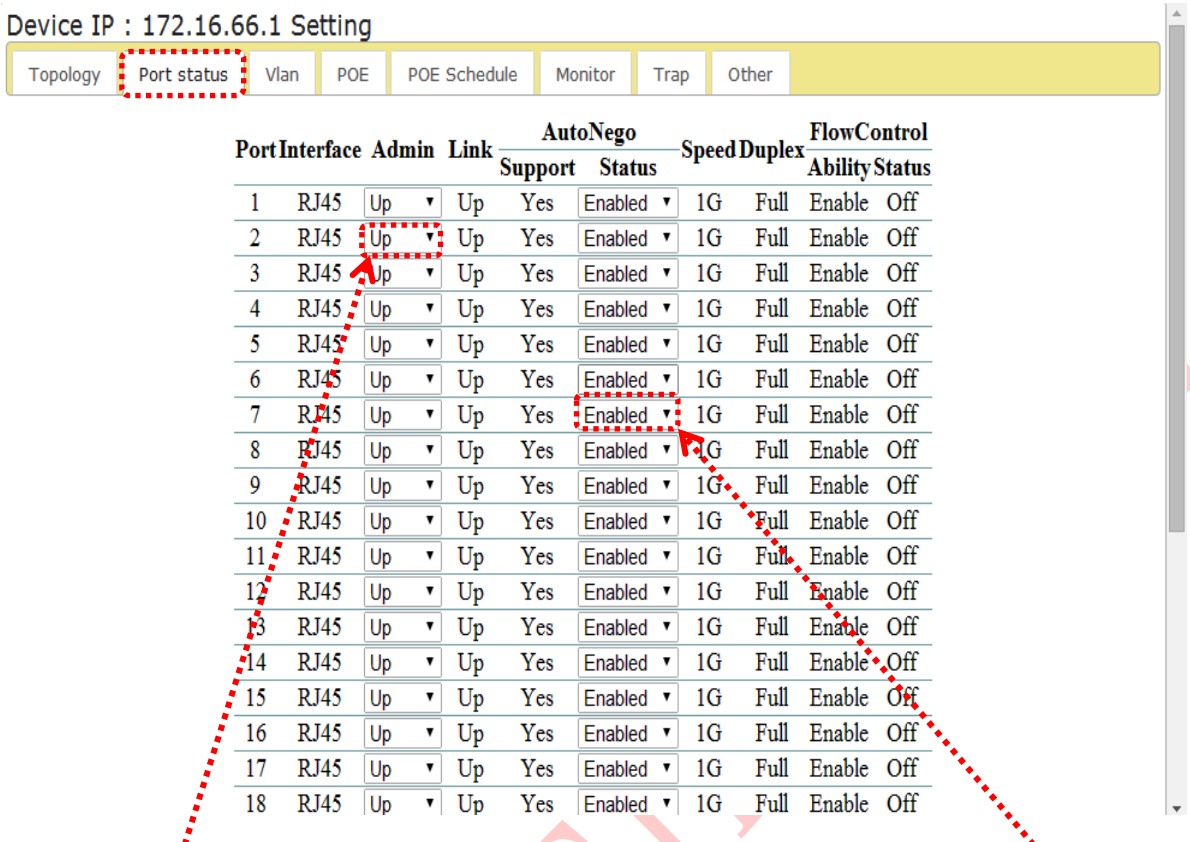
Topology 設定網頁



”網路管理專家”可以自動偵測網路線路鏈接方式，並顯示各網口連接設備的 IP。

對於不能自動偵測網路線路鏈接方式的設備，可用滑鼠點選 Port Manual，手動設定這個 Port 鏈接設備的 IP。

Port status 設定網頁



Port	Interface	Admin	Link	AutoNego		Speed	Duplex	FlowControl	
				Support	Status			Ability	Status
1	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
2	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
3	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
4	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
5	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
6	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
7	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
8	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
9	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
10	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
11	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
12	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
13	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
14	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
15	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
16	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
17	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off
18	RJ45	Up	Up	Yes	Enabled	1G	Full	Enable	Off

滑鼠點選 Up 下拉選單可設定埠的開關(Up or Down)，選完再按 Set。

滑鼠點選 Enabled 下拉選單可設定埠 開啓或關閉自動協商(AutoNego Enabled or Disabled)，選完再按 Set。

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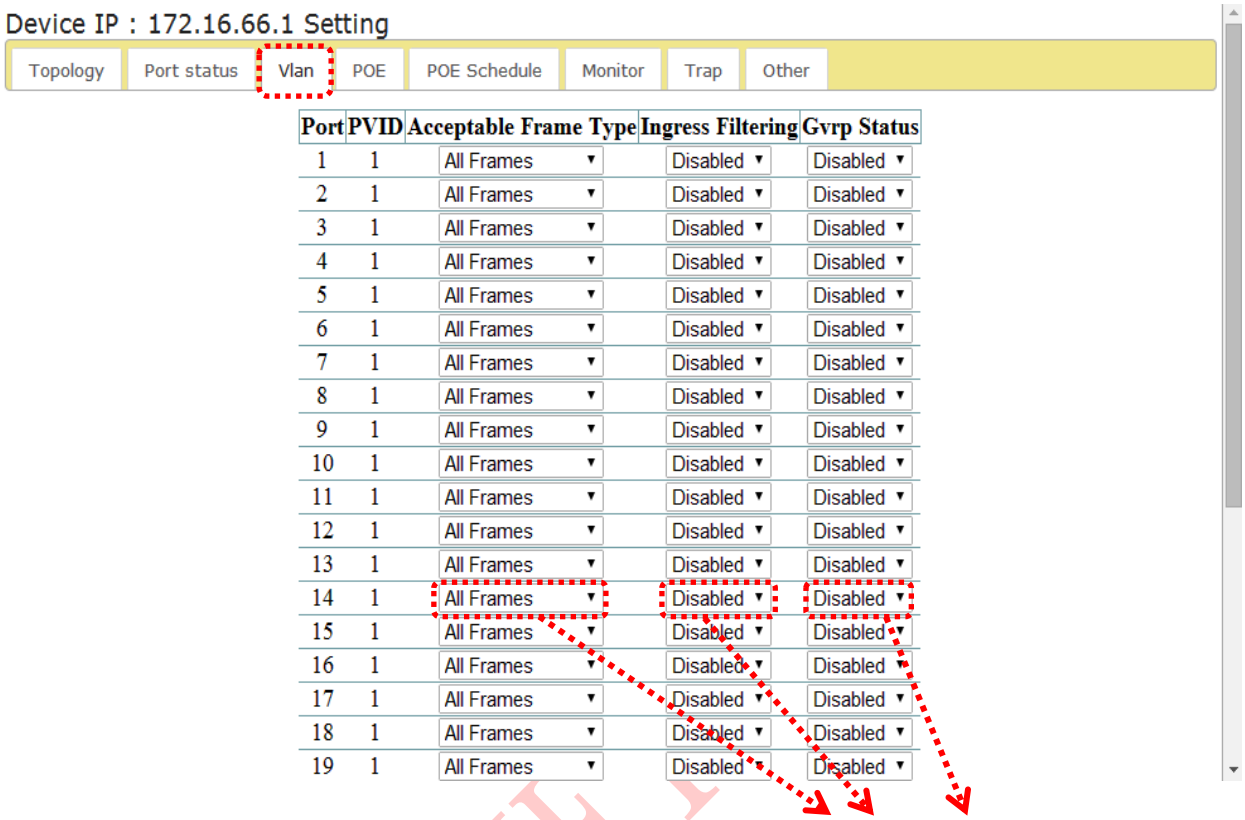
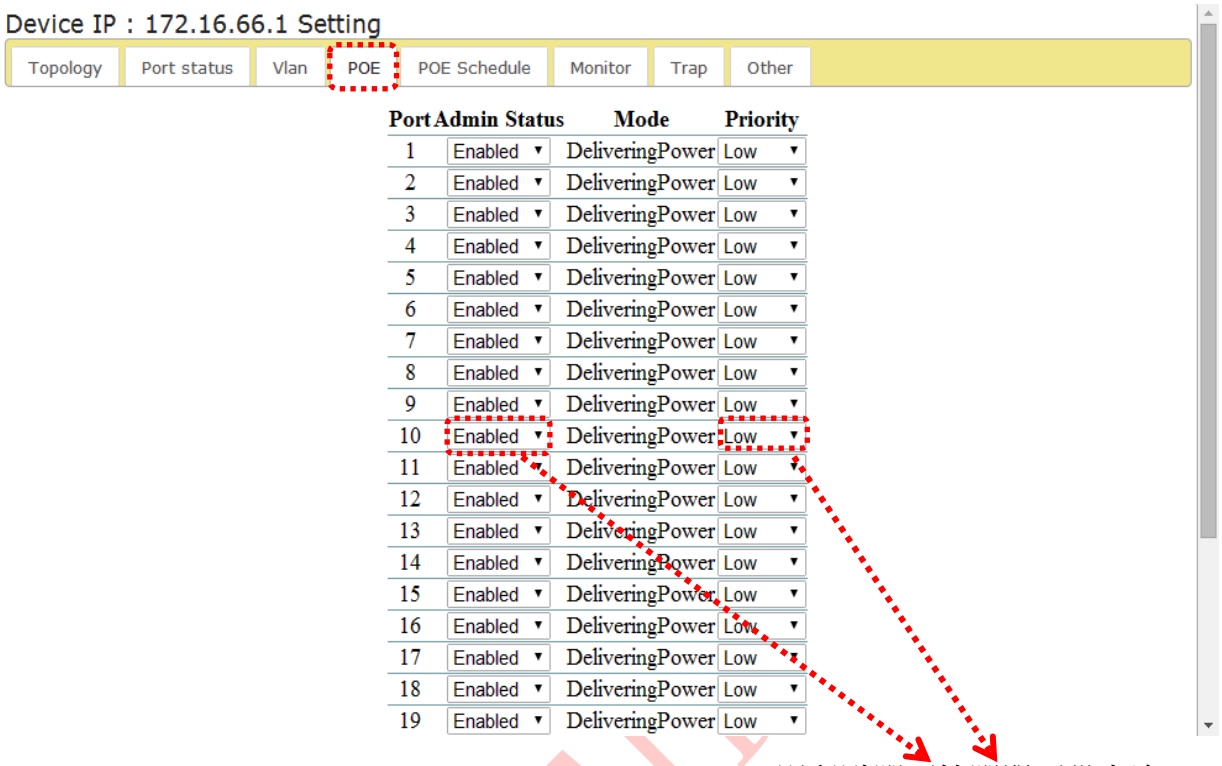
VLAN 設定網頁



滑鼠點選 下拉選單可設定埠 VLAN Interface 狀態，選完再按 Set。

VIA CONF

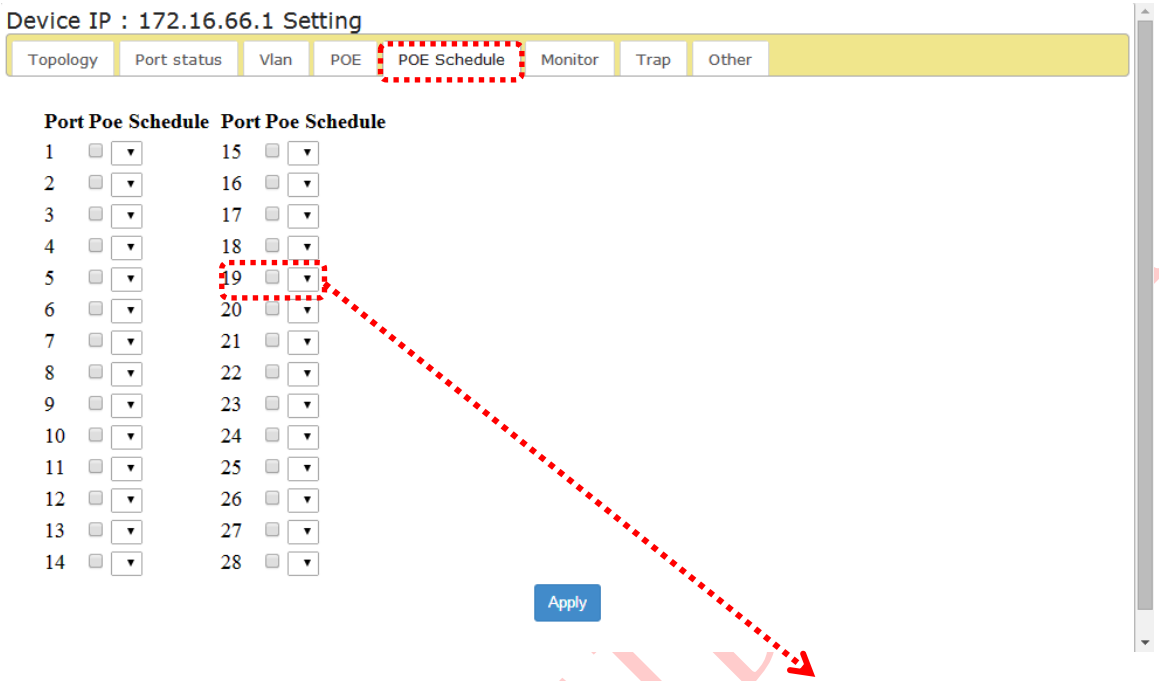
POE 設定網頁



滑鼠點選下拉選單可設定埠 PoE Interface 狀態，選完再按 Set。

VIA CONFI

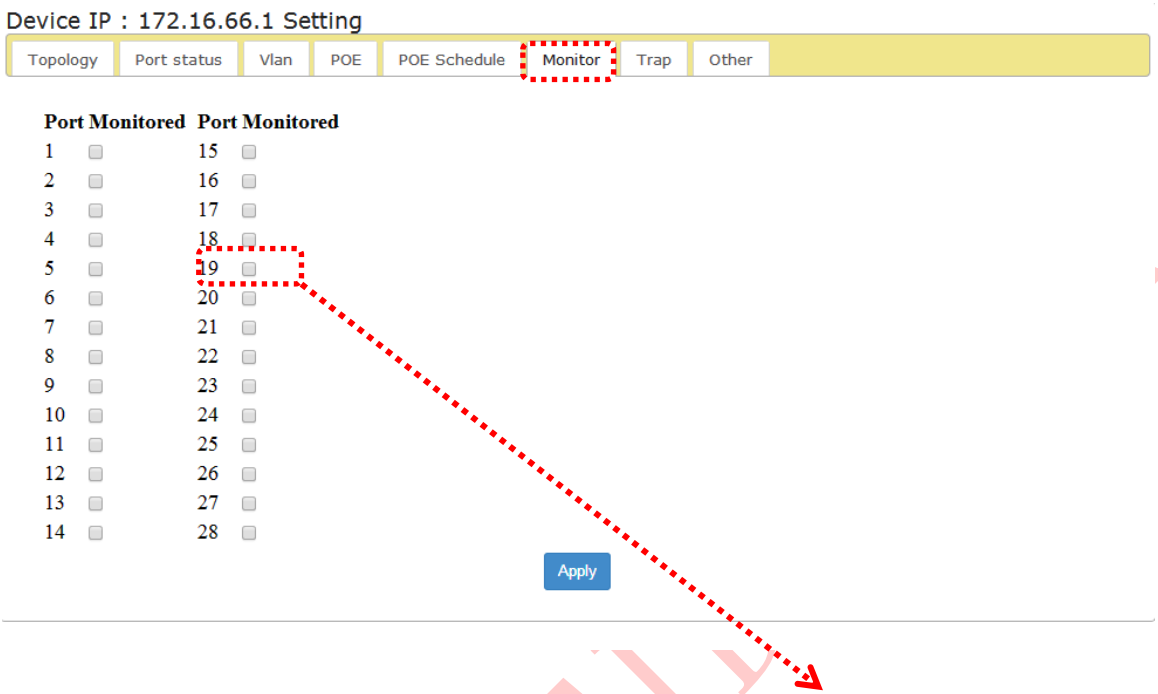
POE Schedule 設定網頁



滑鼠點選 Port PoE Schedule 可設定埠 PoE 排程(Schedule)狀態，選完再按 Apply。

VIA CONF

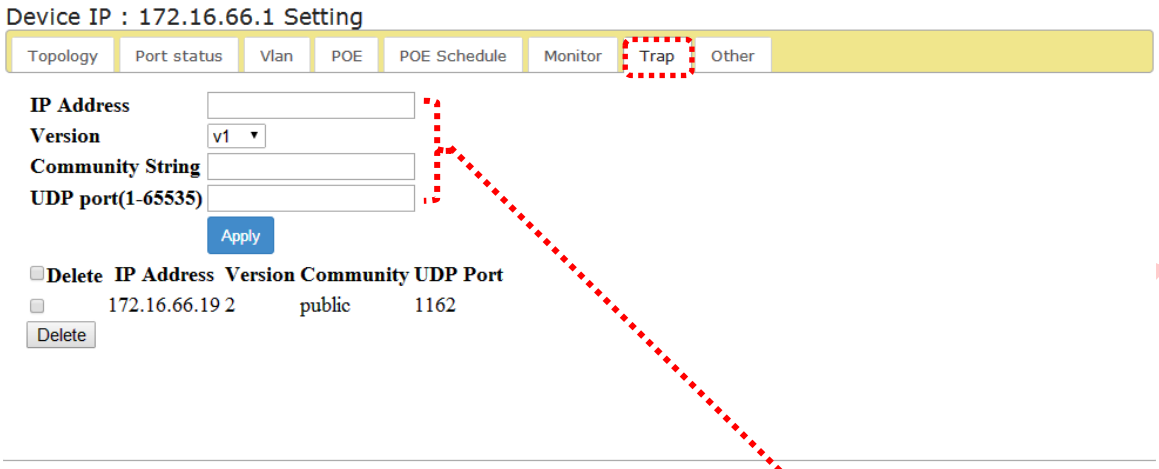
Monitor 設定網頁



滑鼠點選 Port Monitored 可設定想要關注的網口狀態，選完再按 Apply 設定，當網口連線狀態改變時，“網路管理專家”會自動發 Email/SMS 通知管理者。

VIA CONFIDENTIAL

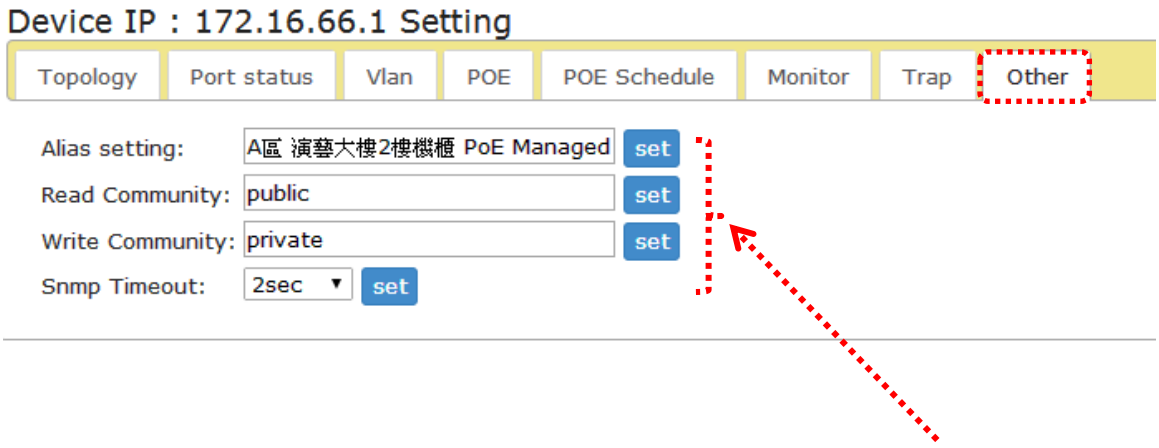
Trap 設定網頁



滑鼠點選 Trap 可設定 SNMP Trap Server 狀態，可設定 SNMP Trap 要發送 Server IP、Version、Community String、UDP Port 選完再按 Apply 設定。

若要 Delete，點選欲刪除的 Server IP，選完再按 Delete 設定。

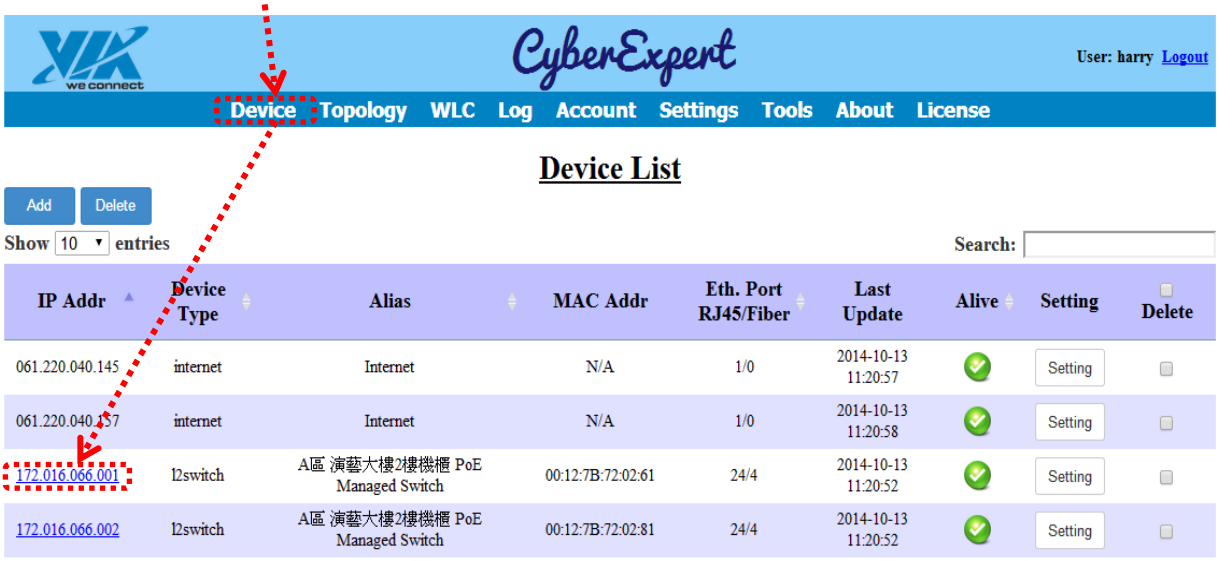
Other 設定網頁



使用者可設定網路設備別名、Read Community、Write Community、及 SNMP Timeout，設定完再按 Set

3-3. 網路設備總結網頁

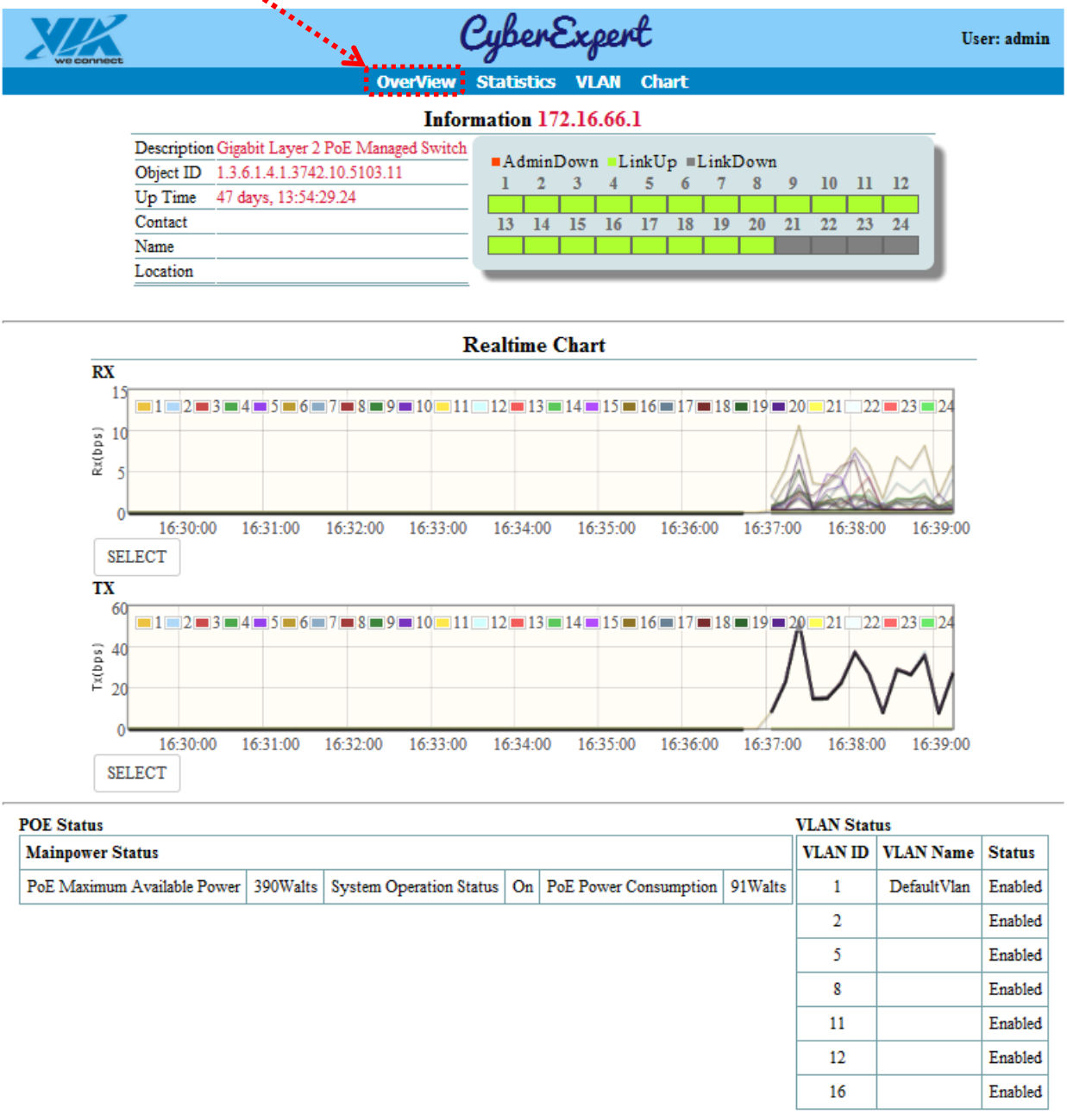
滑鼠點選 Device，再點選 IP Addr 的 172.16.66.1 是進入該台網路設備總結網頁



VIA CONF

3-3-1. OverView

滑鼠點選 OverView，是進入該台網路設備總結網頁



POE Status

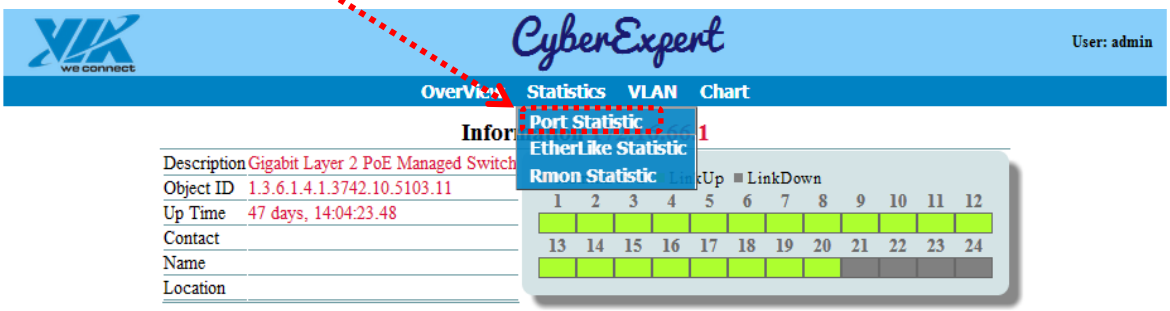
Mainpower Status					
PoE Maximum Available Power	390Walts	System Operation Status	On	PoE Power Consumption	91Walts

VLAN Status

VLAN ID	VLAN Name	Status
1	DefaultVlan	Enabled
2		Enabled
5		Enabled
8		Enabled
11		Enabled
12		Enabled
16		Enabled

3-3-2. Statistics

滑鼠點選 Statistics 下的 Port Statistic，是進入該台網路設備中各個埠封包統計分析資料



Port Statistics

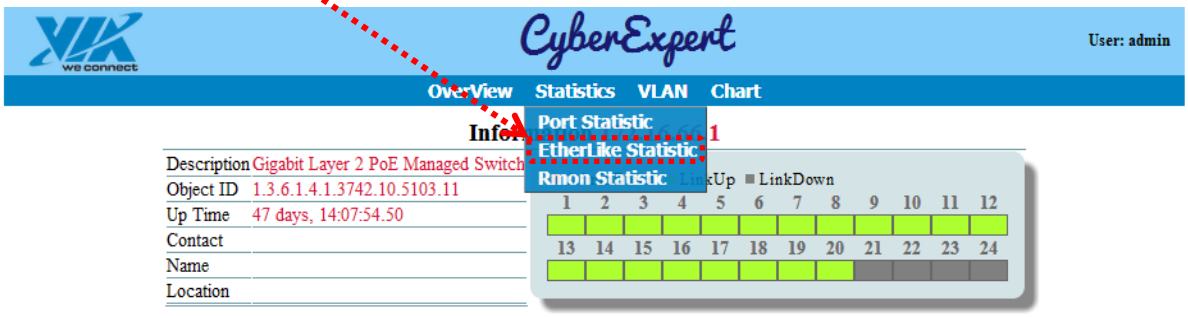
Port	Received							Transmitted					
	Octets	Unicast Packets	Multicast Packets	Broadcast Packets	Discarded Packets	Unknown Packets	Errors	Octets	Unicast Packets	Multicast Packets	Broadcast Packets	Discarded Packets	Errors
1	859776641	2123997	493416	11790	0	0	0	1601446988	3248811	111916622	4755652	0	0
2	837151427	2450418	490403	10575	0	0	0	2536647599	3846905	111909681	4756650	0	0
3	1999857030	9936779	507164	80334	0	0	0	59260218	20030504	111910707	4687092	0	0
4	3115288282	16309472	502042	118782	0	0	0	3304419529	31764794	111903457	4648556	0	0
5	1385934140	5909789	495257	39314	0	0	0	4255035257	10976759	111915721	4728243	0	0
6	1560307986	7093627	494982	36516	0	0	0	343232115	14095876	111911254	4730959	0	0
7	558138673	618160	491269	5440	0	0	0	1867876216	434237	111777318	3469424	0	0
8	378920146	642110	490892	1967	0	0	0	1840565797	424723	111773054	3472856	0	0
9	514092587	781078	490159	6730	0	0	0	2359651779	810609	111243657	3448671	0	0
10	420524849	951246	488888	3057	0	0	0	2843400258	1137936	111243358	3452251	0	0
11	418949291	603380	488869	1988	0	0	0	1794462905	420488	111246730	3453541	0	0
12	481603459	621894	488701	2262	0	0	0	1889976688	490367	111242552	3453202	0	0
13	503847493	865534	486772	2792	0	0	0	2701606814	1048703	111103556	3476679	0	0
14	603009894	570400	487075	1131	0	0	0	1705063335	365854	111087455	3477827	0	0
15	512651572	562767	487114	1398	0	0	0	1706861943	359174	111109069	3478153	0	0
16	584105633	555268	486931	769	0	0	0	1706148359	356187	111108342	3478773	0	0
17	577619120	1135394	485024	45898	0	0	0	2385884293	1037607	110316947	3378863	0	0
18	972016328	1306561	482702	9985	0	0	0	2456671270	1146969	110317946	3414708	0	0
19	624330103	897213	461467	113425	0	0	0	2335239457	962055	109987321	3238250	0	0
20	476235871	1126006	455350	14047	0	0	0	2726935164	1148308	109993335	3337593	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1008089837	94061687	102377516	4707244	0	0	0	2528924353	55121884	10075120	508188	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0

Refresh Auto Refresh

滑鼠把 Auto Refresh 打勾，是每隔 30 秒自動更新網路設備 封包統計分析資料

滑鼠點選 Refresh，是強制更新網路設備封包統計分析資料

滑鼠點選 Statistics 下的 EtherLike Statistic，是進入該台網路設備中各個埠的封包錯誤統計分析資料



EtherLike Statistics

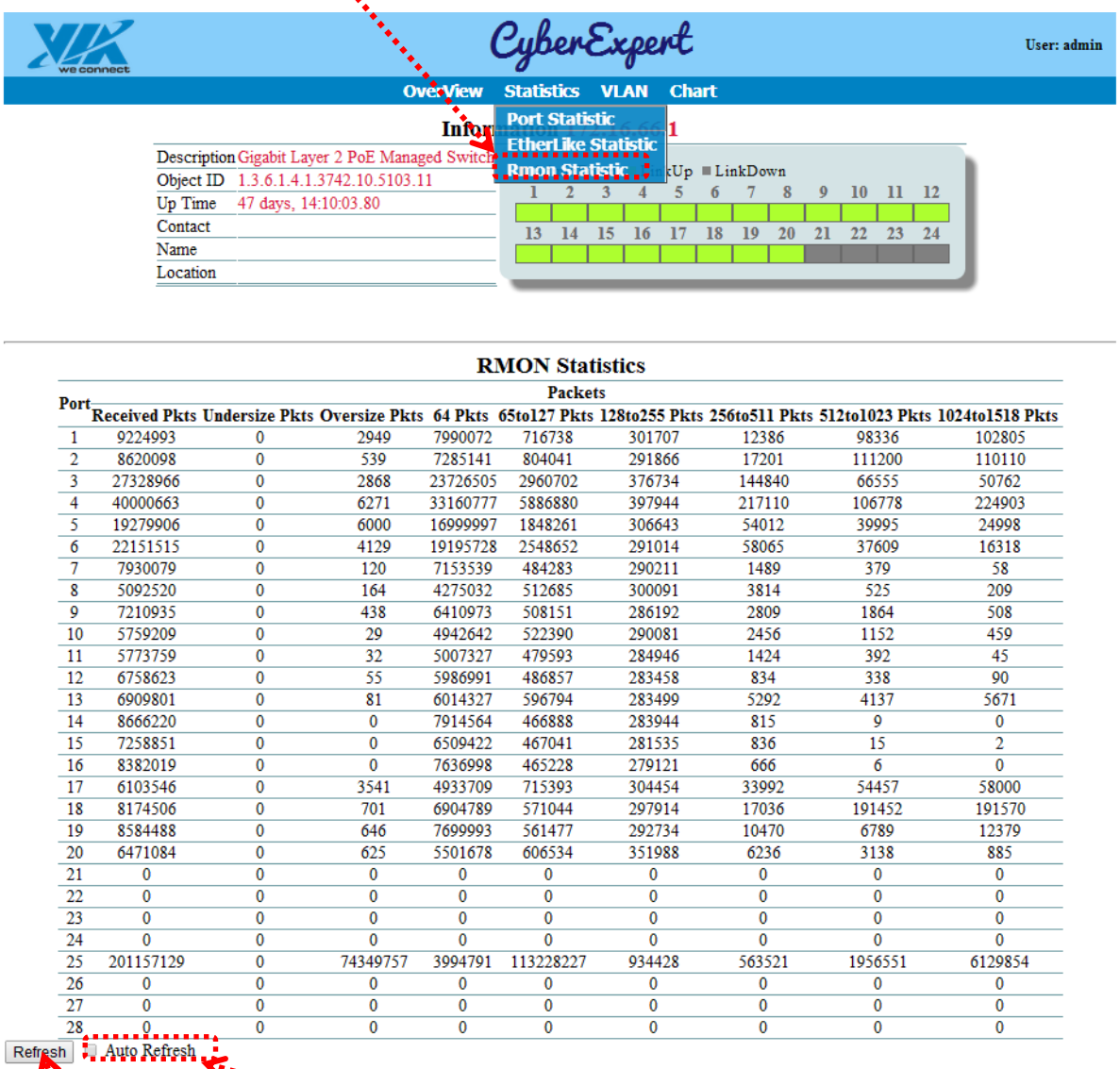
Port	Errors						Frames				Collisions			Deferred Trans.
	Align. Errors	FCS Errors	Symbol Errors	SQE Test Errors	Internal Mac Receive Errors	Internal Mac Transmit Errors	Carrier Sense Errors	Frame Too Longs	Single Collision Frames	Multiple Collision Frames	In Pause Frames	Out Pause Frames	Late Collisions	Excessive Collisions	
1	0	0	0	0	0	0	0	0	0	0	6595666	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	5668486	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	16804284	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	23069994	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	12834682	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	14524910	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	6815088	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	3957430	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	5932848	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	4315440	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	4679404	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	5645585	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	5554524	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	7607194	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	6207148	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	7338636	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	4436784	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	6374294	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	7112110	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	4875468	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Refresh Auto Refresh

滑鼠把 Auto Refresh 打勾，是每隔 30 秒自動更新網路設備封包統計分析資料

滑鼠點選 Refresh，是強制更新網路設備封包統計分析資料

滑鼠點選 Statistics 下的 Rmon Statistic，是進入該台網路設備中各個埠的各種長度封包統計分析資料

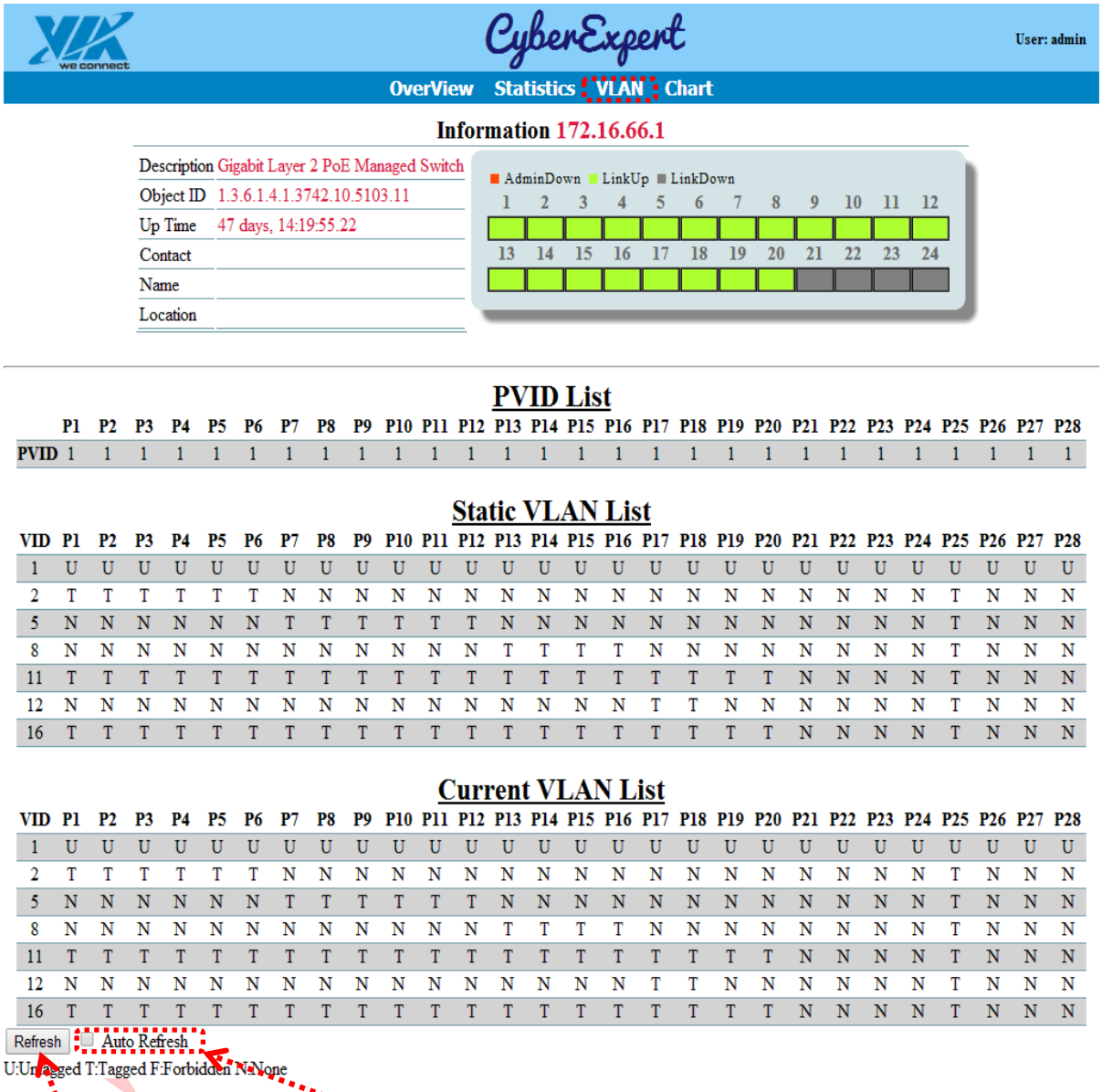


滑鼠把 Auto Refresh 打勾，是每隔 30 秒自動更新網路設備封包統計分析資料

滑鼠點選 Refresh，是強制更新網路設備封包統計分析資料

3-3-3. VLAN

滑鼠點選 VLAN，是進入該台網路設備的 VLAN 所有資料，分爲靜態虛擬網路列表(Static VLAN List)和即時虛擬網路列表(Current VLAN List)

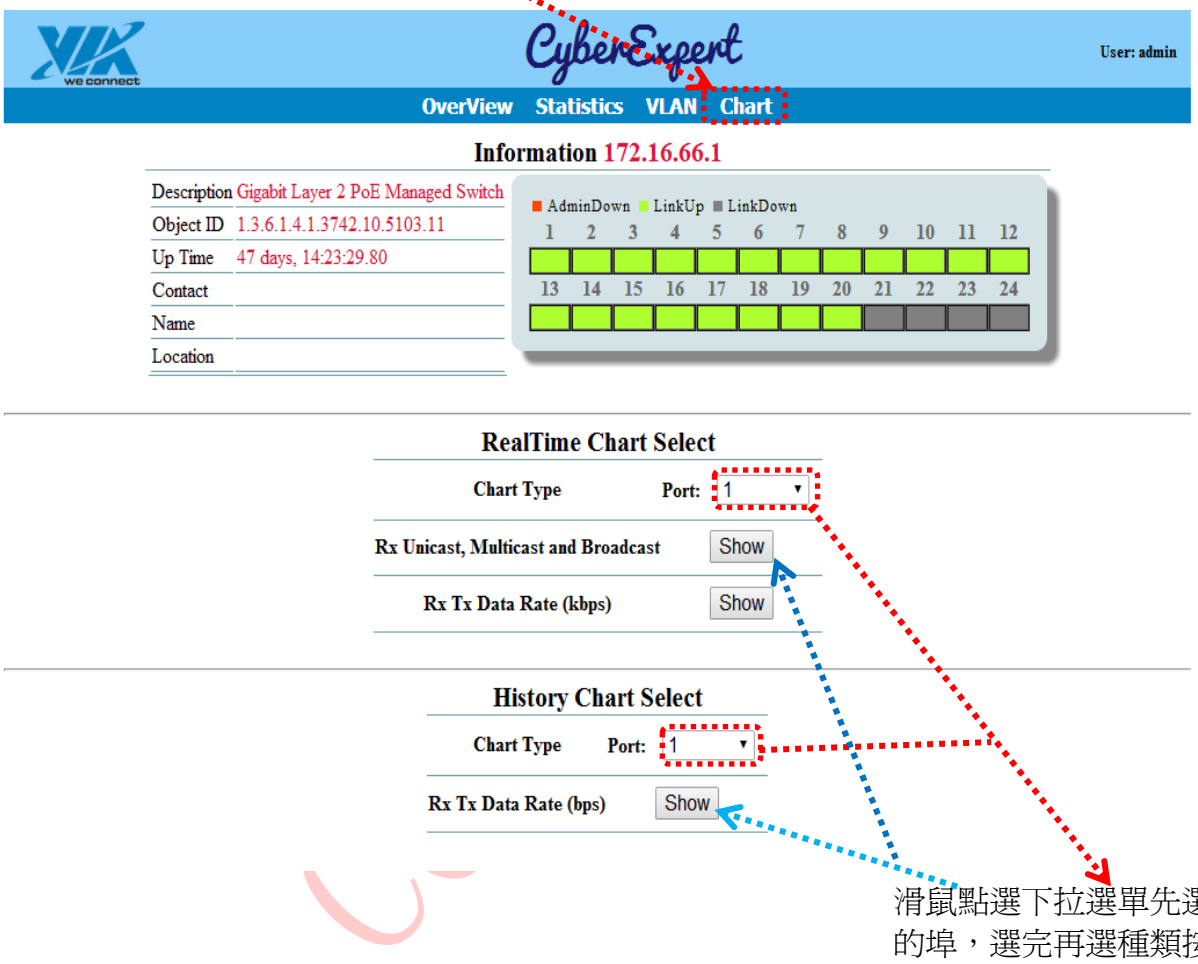


滑鼠把 Auto Refresh 打勾，是每隔 30 秒自動更新網路設備 封包統計分析資料

滑鼠點選 Refresh，是強制更新網路設備封包統計分析資料

3-3-4. Chart

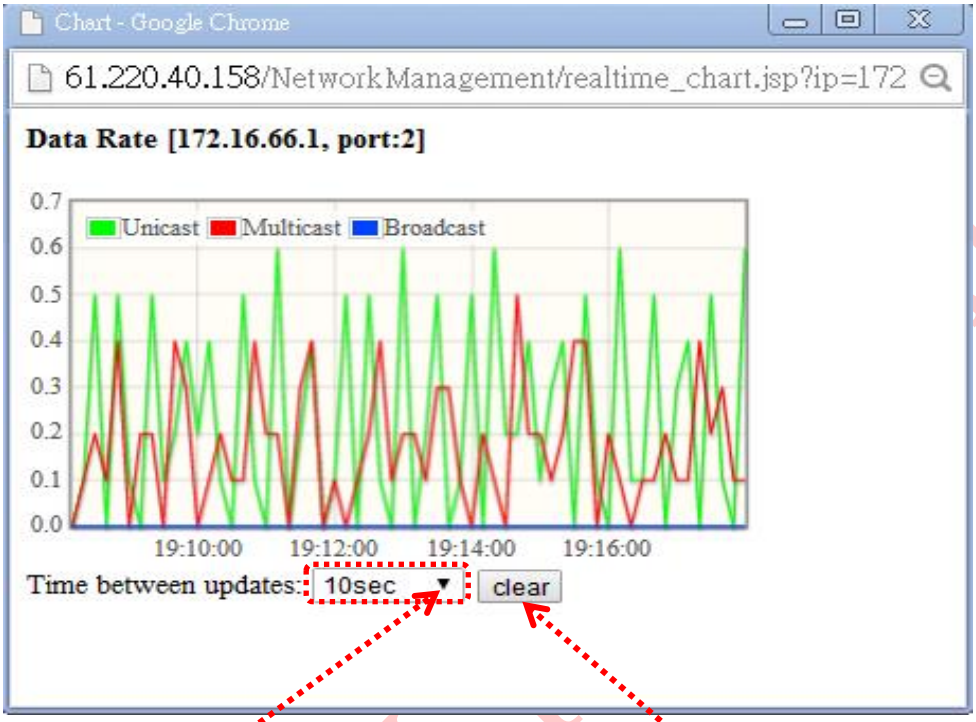
滑鼠點選 Chart，是進入該台網路設備的圖型分析資料，分爲即時資料圖型和歷史資料圖型



滑鼠點選下拉選單先選欲觀看的埠，選完再選種類按 Show

VIA

即時資料圖型

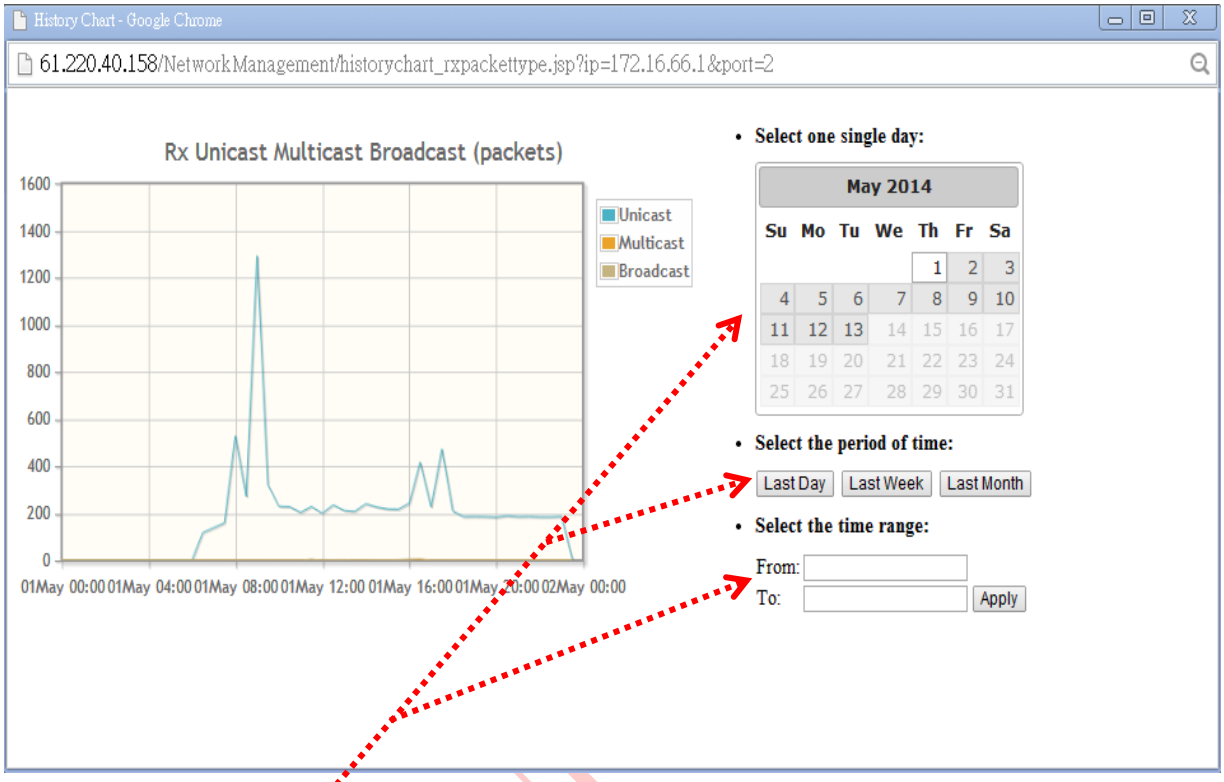


滑鼠點選下拉選單可選欲觀看的時間間隔，選完直接更新。
時間間隔有:10sec、20sec、30sec、45sec、1minute、2minute。

滑鼠點選 clear ，可清除即時資料圖型。

VIA CONFIDENTIAL

歷史資料圖型

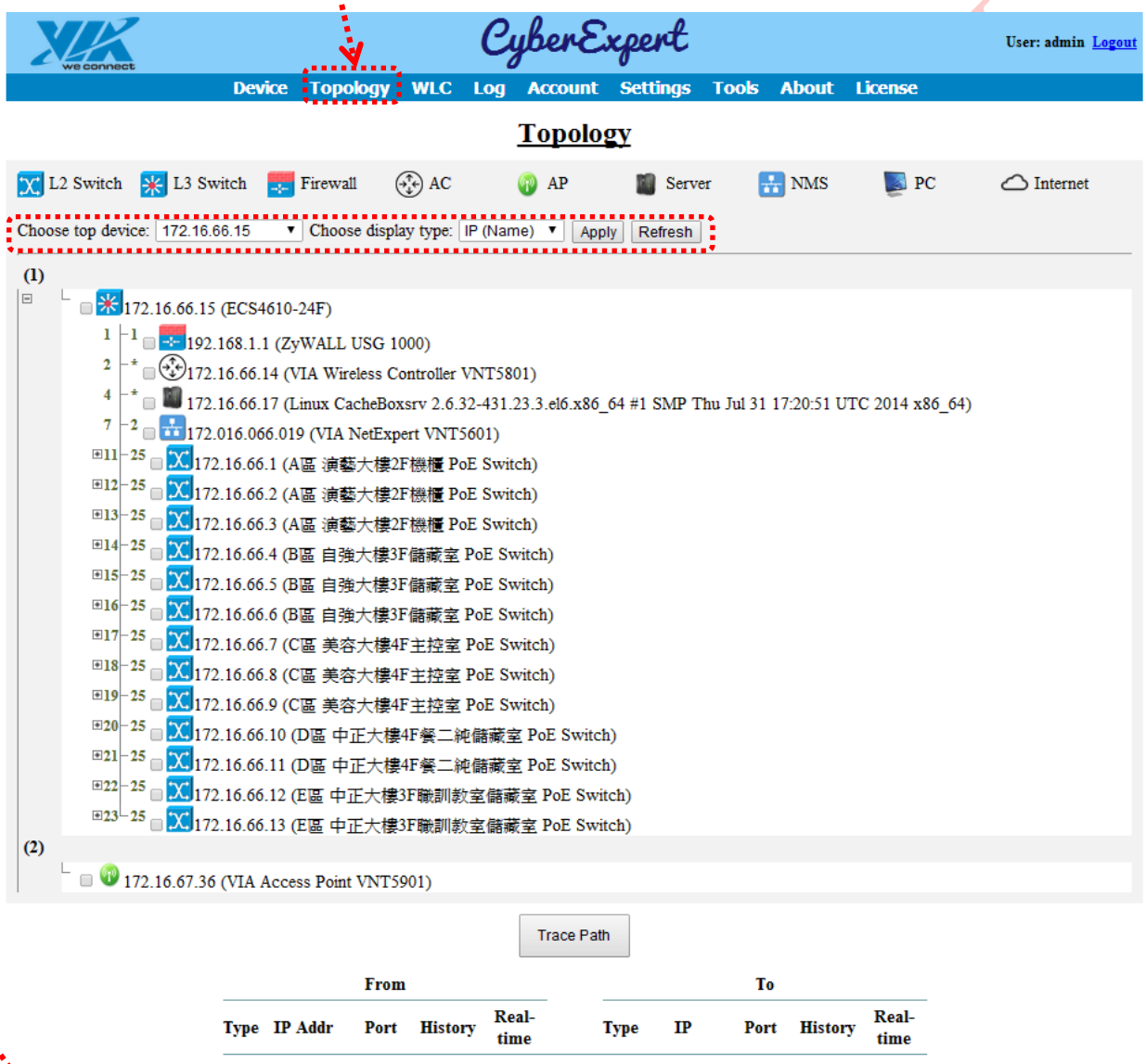


滑鼠可直接點選日期，也可點選:Last Day、Last Week、Last Month，也可完直接設定時間間隔。

VIA CONI

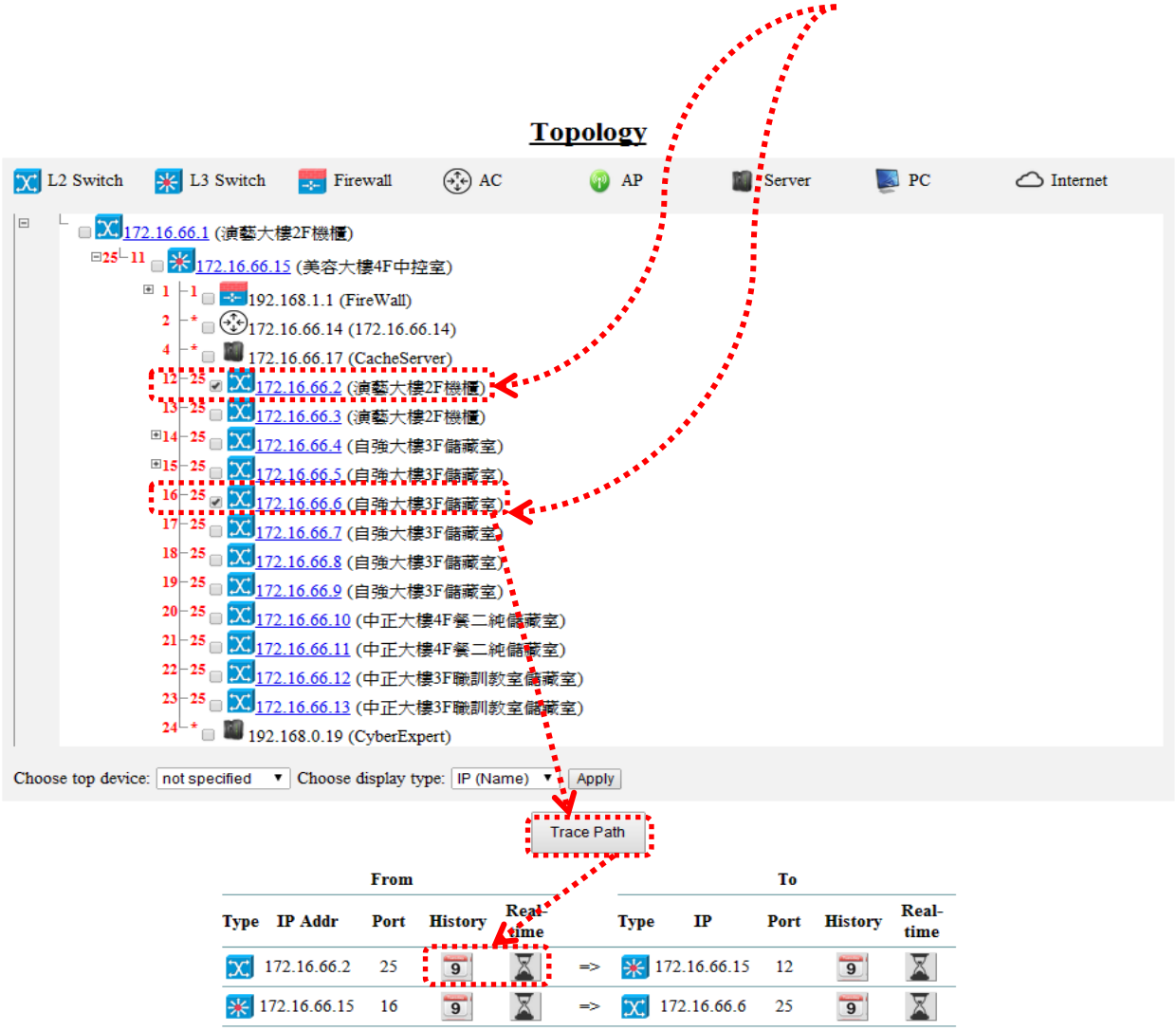
4. “網路管理專家”網路拓譜圖

滑鼠點選 Topology，”網路管理專家”能支援威盛的網路設備去自動畫出網路拓譜圖，不再需要透過人工查線，一旦更改網路設備或插入新設備也能立即製作新的網路拓譜圖。



可任意選擇設定最上層顯示的網路設備，及可以標明網路設備的方式(有 IP only、Name only、IP 先 Name 後、Name 先 IP 後)，設定完按 Apply”網路管理專家”能立即製作新的網路拓譜圖。

“網路管理專家”可診斷網路設備之間的流量，滑鼠先點選要檢測的兩個網路設備，接下來滑鼠再點選 Trace Path，”網路管理專家”自動畫出網路設備的經過路徑，再分析其即時資料和歷史資料圖，即可找出流量問題。



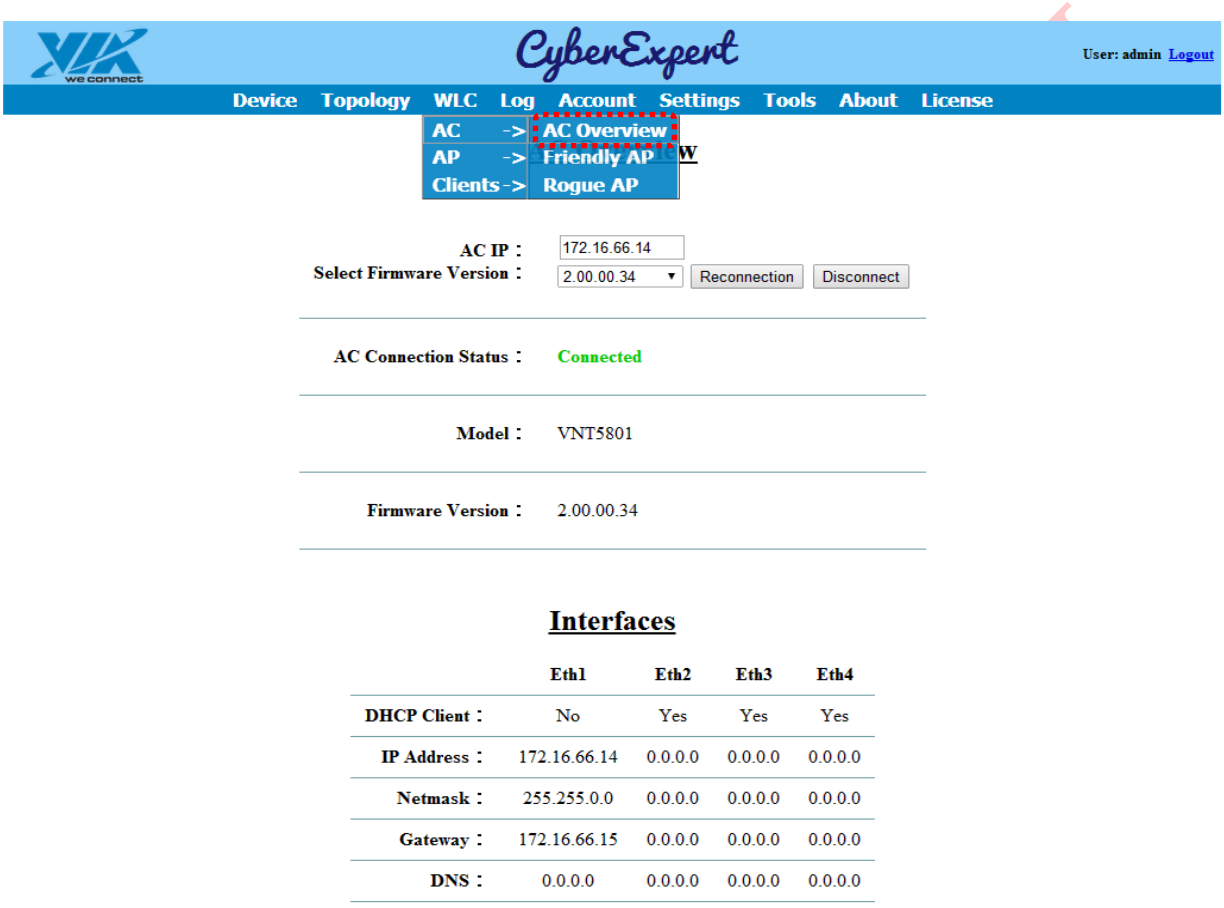
From						To				
Type	IP Addr	Port	History	Real-time		Type	IP	Port	History	Real-time
	172.16.66.2	25			=>		172.16.66.15	12		
	172.16.66.15	16			=>		172.16.66.6	25		

VIA

5. “網路管理專家”無線控制器

5-1. AC

滑鼠點選 AC Overview，”網路管理專家”能顯示威盛的無線網路控制器總覽。

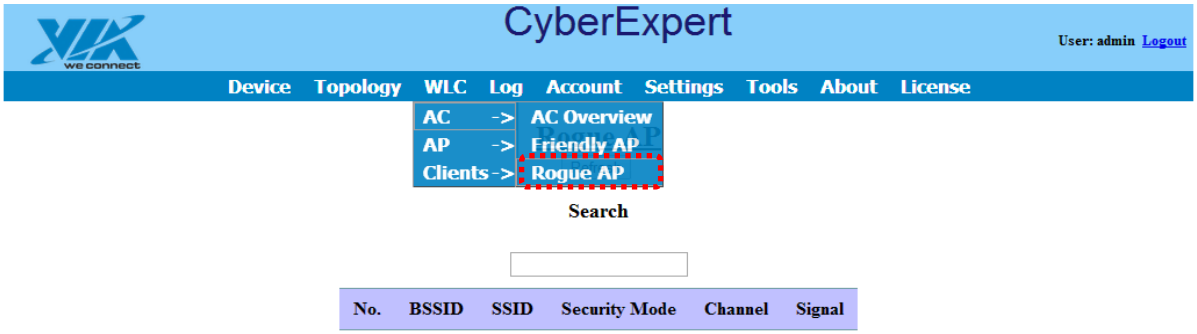


滑鼠點選 Friendly AP，”網路管理專家”能顯示現在網路所有合法無線 AP。

No.	BSSID	SSID	Security Mode
1	00:40:63:11:B9:E0	Student	none
2	00:40:63:11:B9:E1	Teacher	none
3	00:40:63:11:B9:E2	GUEST	WPA2 802.1X(TKIP,CCMP)
4	00:40:63:11:B9:08	GUEST	WPA2 802.1X(TKIP,CCMP)
5	00:40:63:11:BF:F0	Student	none
6	00:40:63:11:BF:F1	Teacher	none
7	00:40:63:11:BF:F2	GUEST	WPA2 802.1X(TKIP,CCMP)
8	00:40:63:11:BF:08	GUEST	WPA2 802.1X(TKIP,CCMP)
9	00:40:63:11:BC:30	Student	none
10	00:40:63:11:BC:31	Teacher	none
11	00:40:63:11:BC:32	GUEST	WPA2 802.1X(TKIP,CCMP)
12	00:40:63:11:BC:08	GUEST	WPA2 802.1X(TKIP,CCMP)
13	00:40:63:11:B6:70	Student	none
14	00:40:63:11:B6:71	Teacher	none
15	00:40:63:11:B6:72	GUEST	WPA2 802.1X(TKIP,CCMP)
16	00:40:63:11:B6:08	GUEST	WPA2 802.1X(TKIP,CCMP)

VIA

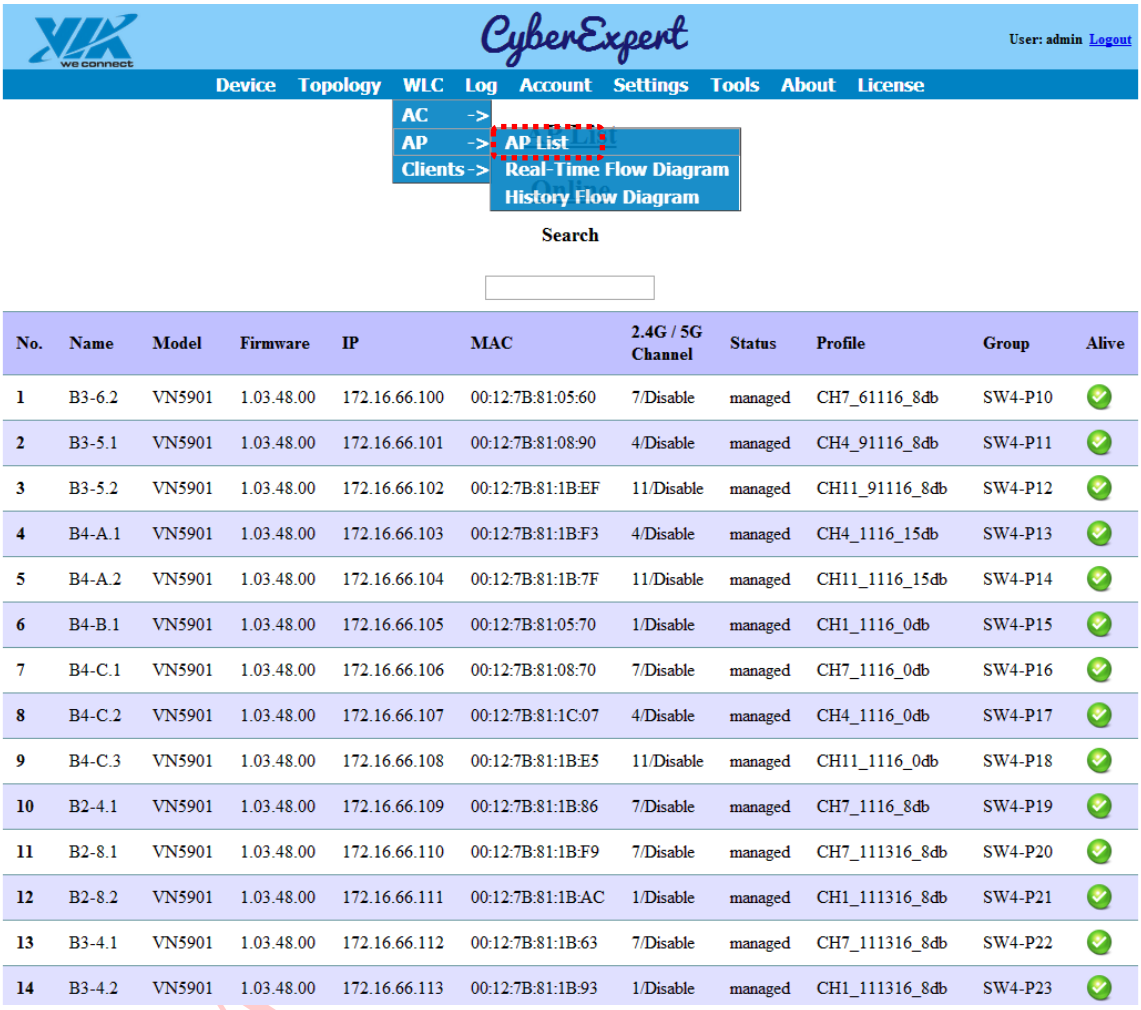
滑鼠點選 Rogue AP，”網路管理專家”能顯示現在網路所有非法無線 AP。



VIA CONF

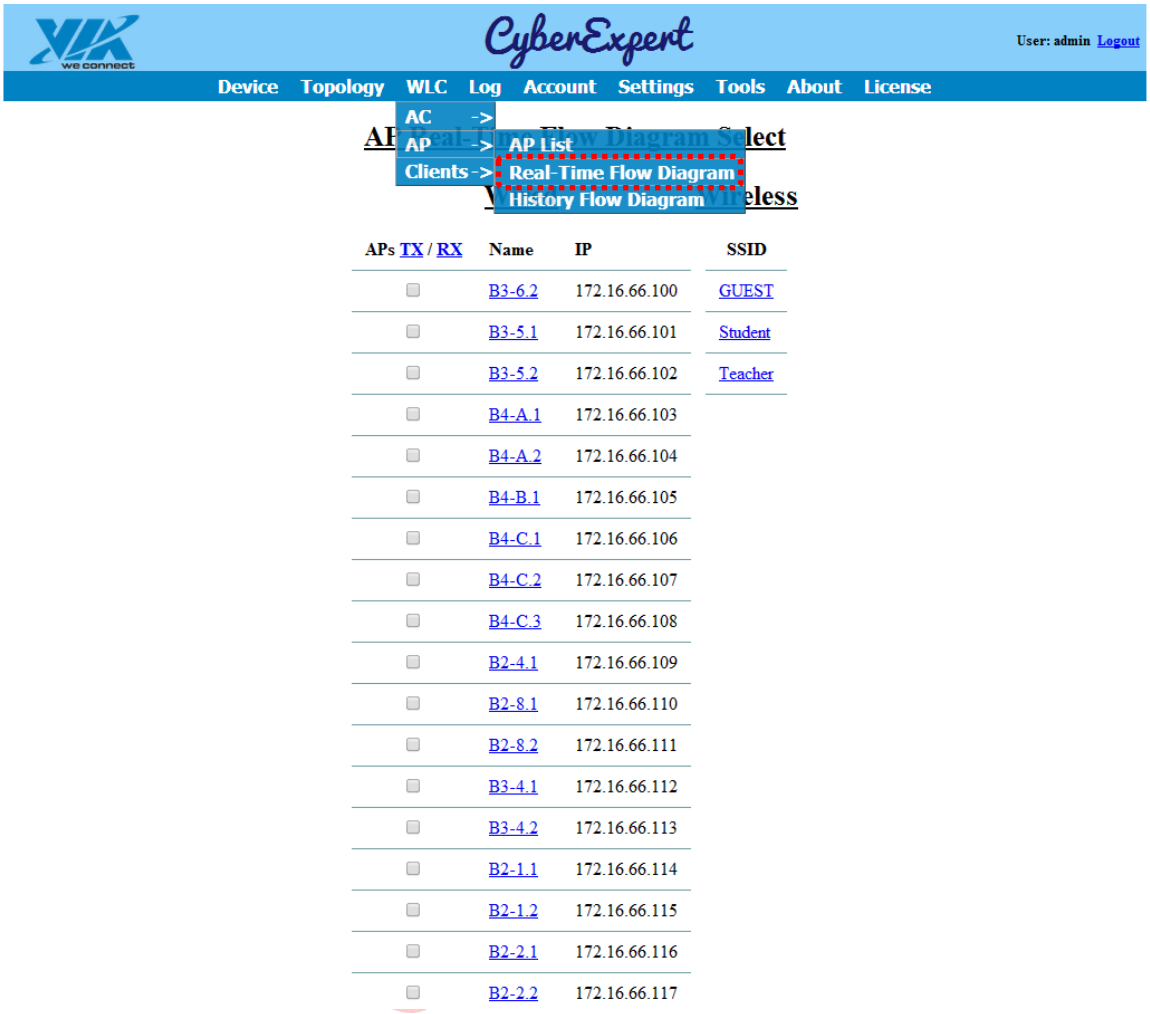
5-2. AP

滑鼠點選 AP List，”網路管理專家”能顯示現在網路所有連線及離線的無線 AP 總覽。



No.	Name	Model	Firmware	IP	MAC	2.4G / 5G Channel	Status	Profile	Group	Alive
1	B3-6.2	VN5901	1.03.48.00	172.16.66.100	00:12:7B:81:05:60	7/Disable	managed	CH7_61116_8db	SW4-P10	
2	B3-5.1	VN5901	1.03.48.00	172.16.66.101	00:12:7B:81:08:90	4/Disable	managed	CH4_91116_8db	SW4-P11	
3	B3-5.2	VN5901	1.03.48.00	172.16.66.102	00:12:7B:81:1B:EF	11/Disable	managed	CH11_91116_8db	SW4-P12	
4	B4-A.1	VN5901	1.03.48.00	172.16.66.103	00:12:7B:81:1B:F3	4/Disable	managed	CH4_1116_15db	SW4-P13	
5	B4-A.2	VN5901	1.03.48.00	172.16.66.104	00:12:7B:81:1B:7F	11/Disable	managed	CH11_1116_15db	SW4-P14	
6	B4-B.1	VN5901	1.03.48.00	172.16.66.105	00:12:7B:81:05:70	1/Disable	managed	CH1_1116_0db	SW4-P15	
7	B4-C.1	VN5901	1.03.48.00	172.16.66.106	00:12:7B:81:08:70	7/Disable	managed	CH7_1116_0db	SW4-P16	
8	B4-C.2	VN5901	1.03.48.00	172.16.66.107	00:12:7B:81:1C:07	4/Disable	managed	CH4_1116_0db	SW4-P17	
9	B4-C.3	VN5901	1.03.48.00	172.16.66.108	00:12:7B:81:1B:E5	11/Disable	managed	CH11_1116_0db	SW4-P18	
10	B2-4.1	VN5901	1.03.48.00	172.16.66.109	00:12:7B:81:1B:86	7/Disable	managed	CH7_1116_8db	SW4-P19	
11	B2-8.1	VN5901	1.03.48.00	172.16.66.110	00:12:7B:81:1B:F9	7/Disable	managed	CH7_111316_8db	SW4-P20	
12	B2-8.2	VN5901	1.03.48.00	172.16.66.111	00:12:7B:81:1B:AC	1/Disable	managed	CH1_111316_8db	SW4-P21	
13	B3-4.1	VN5901	1.03.48.00	172.16.66.112	00:12:7B:81:1B:63	7/Disable	managed	CH7_111316_8db	SW4-P22	
14	B3-4.2	VN5901	1.03.48.00	172.16.66.113	00:12:7B:81:1B:93	1/Disable	managed	CH1_111316_8db	SW4-P23	

滑鼠點選 Real-Time Flow Diagram，“網路管理專家”能顯示現在網路所有連線的無線 AP 即時資料圖型。



滑鼠點選 History Flow Diagram，“網路管理專家”能顯示現在網路所有連線的無線 AP 歷史資料圖型。

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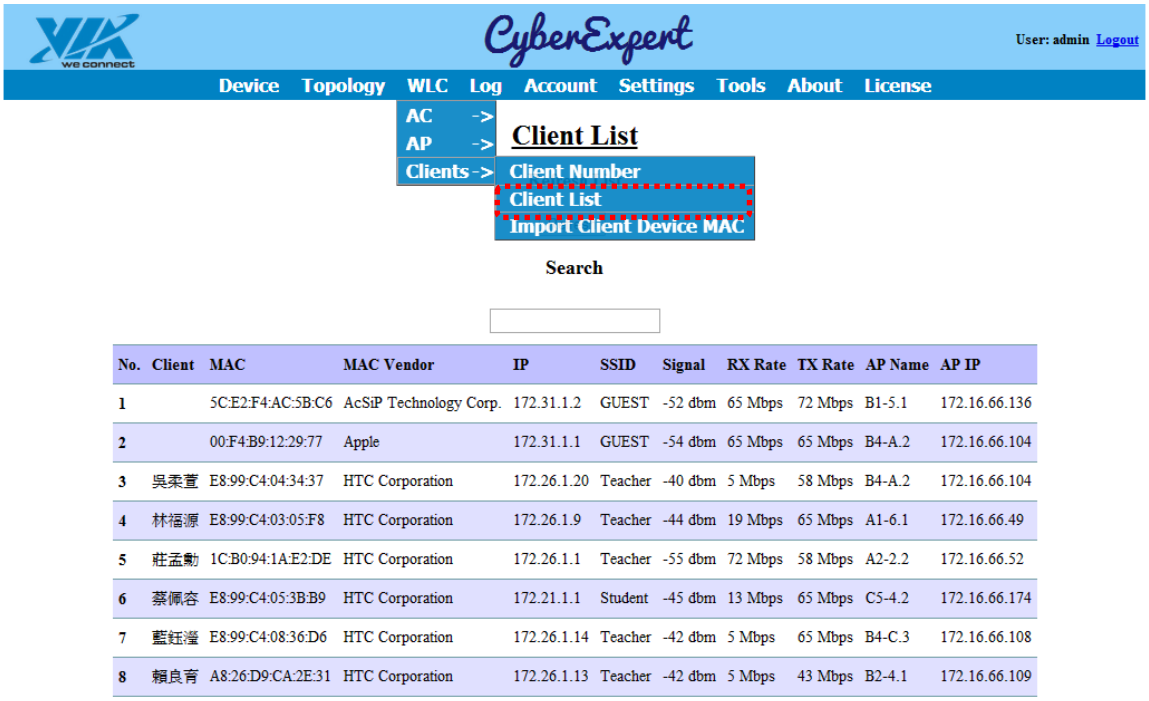
5-3. Clients

滑鼠點選 Client Number，“網路管理專家”能顯示現在網路所有連線的 2.4G 和 5G 頻帶的無線使用者數目。

滑鼠點選 Client List，“網路管理專家”能顯示現在網路所有連線的 2.4G 和 5G 頻帶的無線使用者列表。



No.	Client	MAC	MAC Vendor	IP	SSID	Signal	RX Rate	TX Rate	AP Name	AP IP
1		5C:E2:F4:AC:5B:C6	AcSiP Technology Corp.	172.31.1.2	GUEST	-52 dbm	65 Mbps	72 Mbps	B1-5.1	172.16.66.136
2		00:F4:B9:12:29:77	Apple	172.31.1.1	GUEST	-54 dbm	65 Mbps	65 Mbps	B4-A.2	172.16.66.104
3	吳柔萱	E8:99:C4:04:34:37	HTC Corporation	172.26.1.20	Teacher	-40 dbm	5 Mbps	58 Mbps	B4-A.2	172.16.66.104
4	林福源	E8:99:C4:03:05:F8	HTC Corporation	172.26.1.9	Teacher	-44 dbm	19 Mbps	65 Mbps	A1-6.1	172.16.66.49
5	莊孟勳	1C:B0:94:1A:E2:DE	HTC Corporation	172.26.1.1	Teacher	-55 dbm	72 Mbps	58 Mbps	A2-2.2	172.16.66.52
6	蔡佩容	E8:99:C4:05:3B:B9	HTC Corporation	172.21.1.1	Student	-45 dbm	13 Mbps	65 Mbps	C5-4.2	172.16.66.174
7	藍鈺瀅	E8:99:C4:08:36:D6	HTC Corporation	172.26.1.14	Teacher	-42 dbm	5 Mbps	65 Mbps	B4-C.3	172.16.66.108
8	賴良育	A8:26:D9:CA:2E:31	HTC Corporation	172.26.1.13	Teacher	-42 dbm	5 Mbps	43 Mbps	B2-4.1	172.16.66.109

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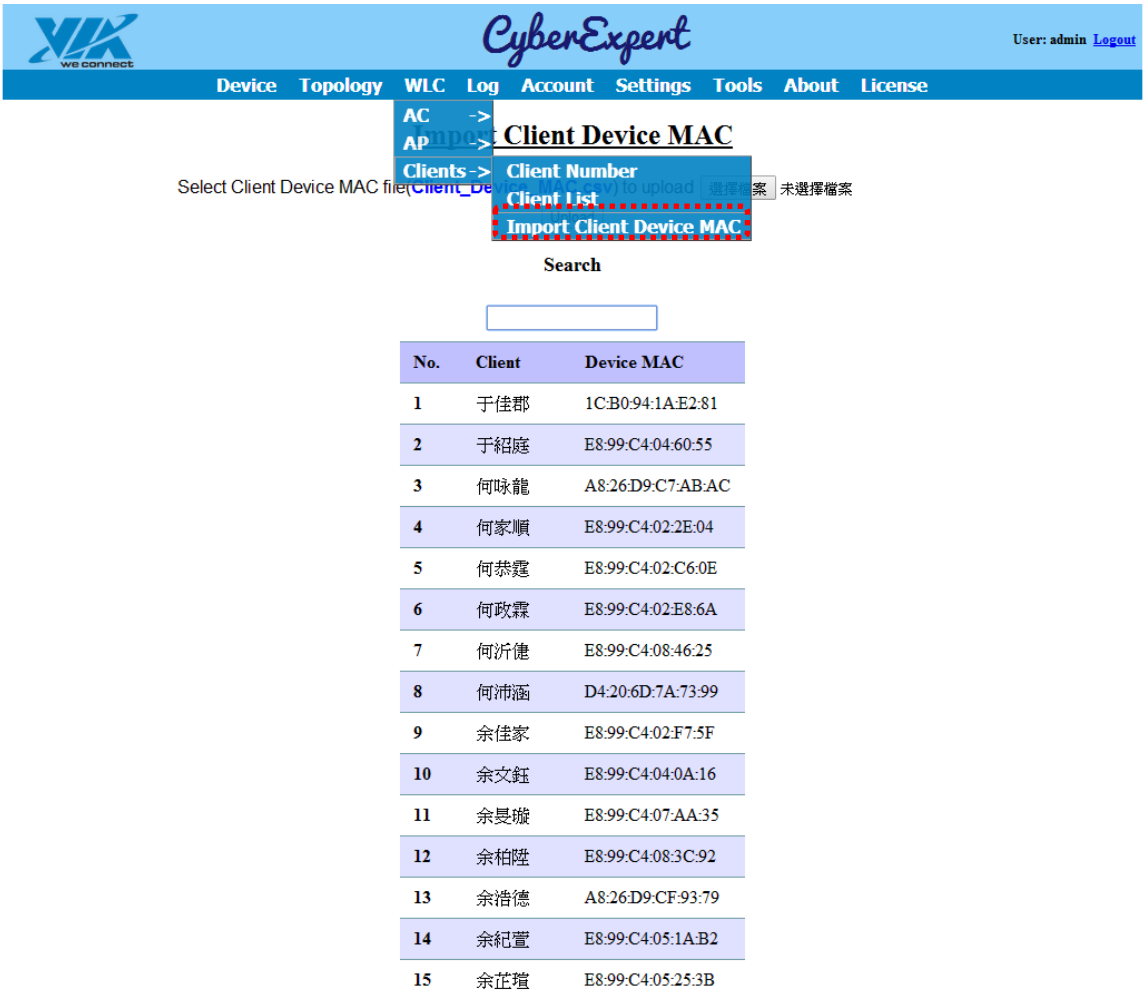
滑鼠點選 Import Client Device MAC，“網路管理專家”能匯入網路所有無線使用者名稱及其 Device MAC Address。

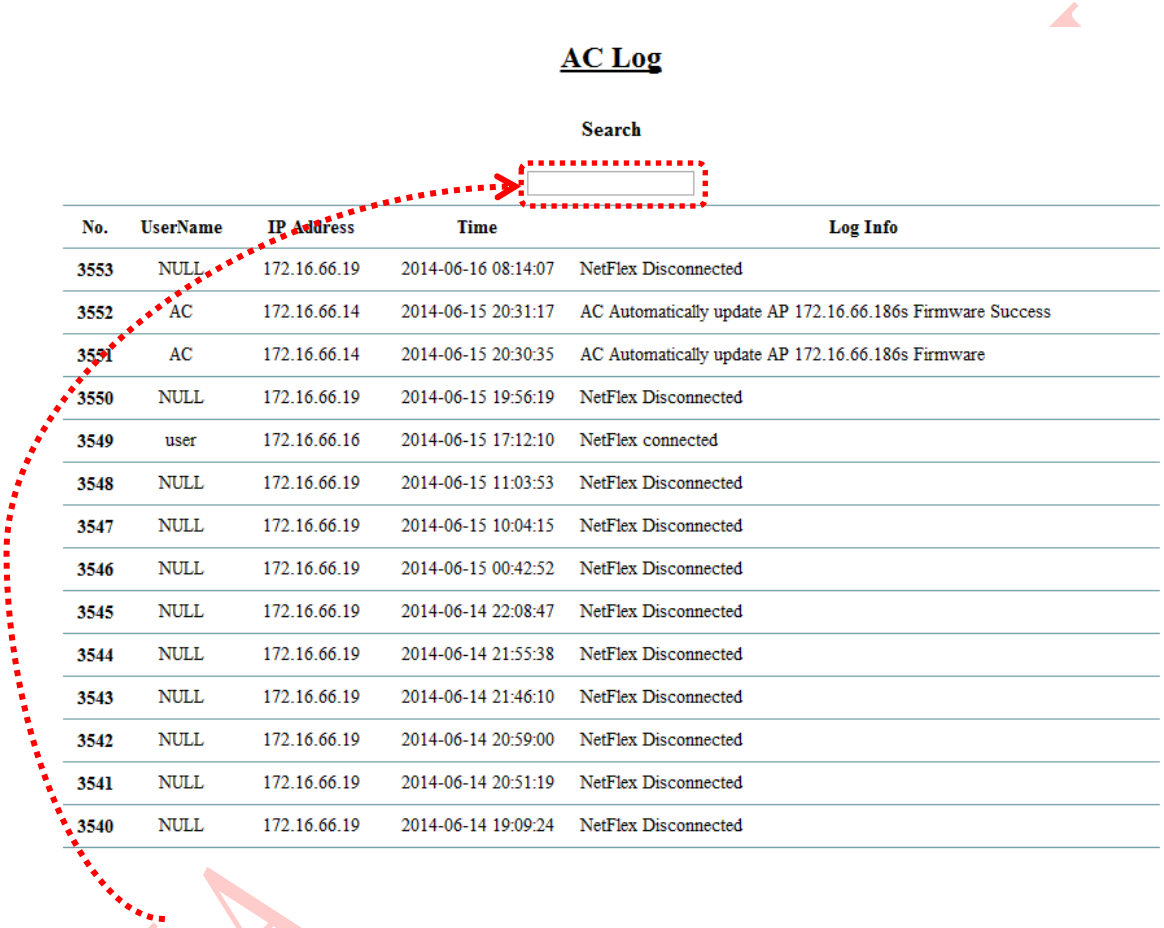


6. “網路管理專家”狀態呈報日誌紀錄

6-1. AC 日誌

“網路管理專家”可將網路設備狀態呈報日誌紀錄，可選擇 AC 日誌、AP/STA 日誌和”網路管理專家”日誌

AC 日誌



AC Log

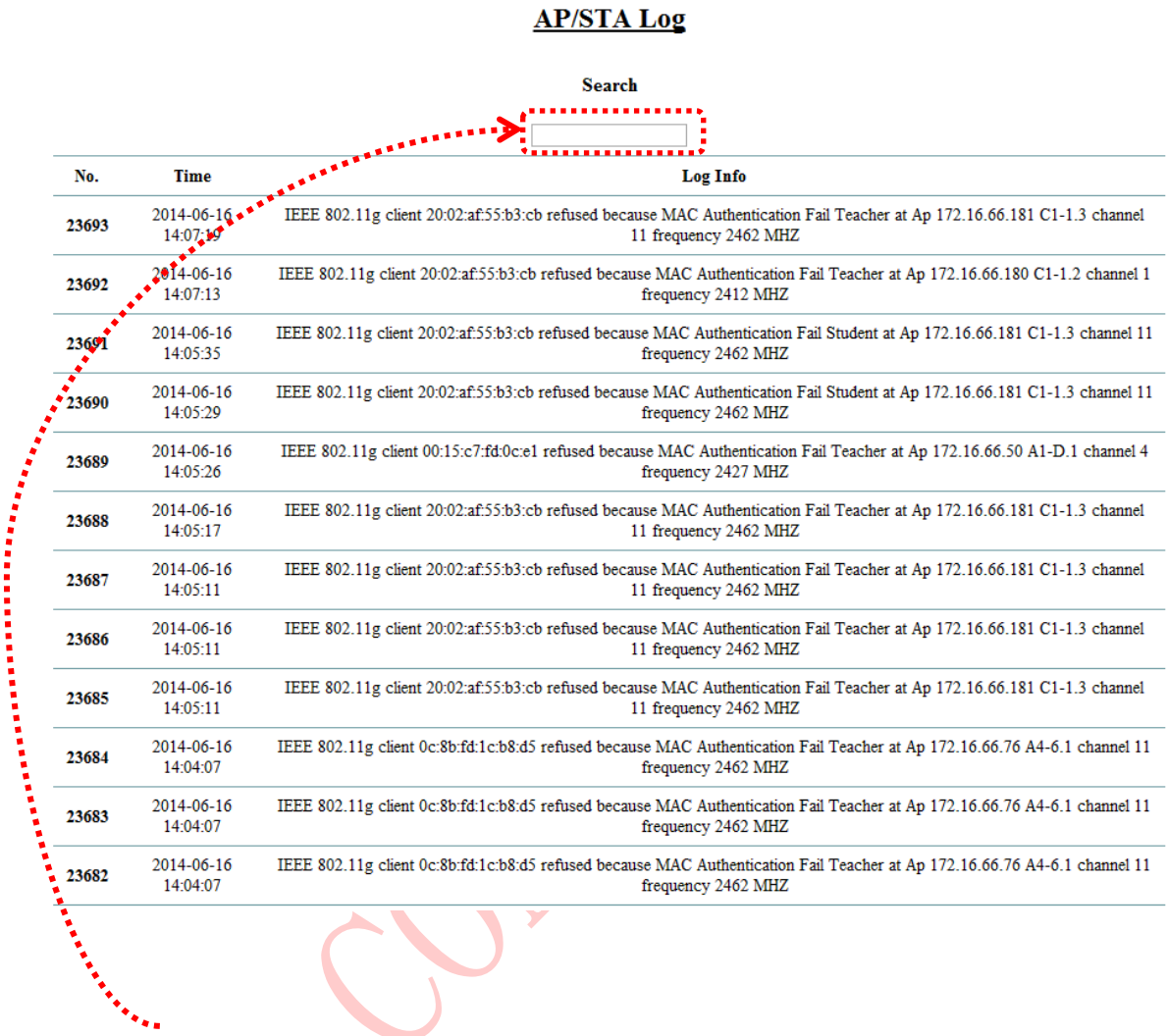
Search

No.	UserName	IP Address	Time	Log Info
3553	NULL	172.16.66.19	2014-06-16 08:14:07	NetFlex Disconnected
3552	AC	172.16.66.14	2014-06-15 20:31:17	AC Automatically update AP 172.16.66.186s Firmware Success
3551	AC	172.16.66.14	2014-06-15 20:30:35	AC Automatically update AP 172.16.66.186s Firmware
3550	NULL	172.16.66.19	2014-06-15 19:56:19	NetFlex Disconnected
3549	user	172.16.66.16	2014-06-15 17:12:10	NetFlex connected
3548	NULL	172.16.66.19	2014-06-15 11:03:53	NetFlex Disconnected
3547	NULL	172.16.66.19	2014-06-15 10:04:15	NetFlex Disconnected
3546	NULL	172.16.66.19	2014-06-15 00:42:52	NetFlex Disconnected
3545	NULL	172.16.66.19	2014-06-14 22:08:47	NetFlex Disconnected
3544	NULL	172.16.66.19	2014-06-14 21:55:38	NetFlex Disconnected
3543	NULL	172.16.66.19	2014-06-14 21:46:10	NetFlex Disconnected
3542	NULL	172.16.66.19	2014-06-14 20:59:00	NetFlex Disconnected
3541	NULL	172.16.66.19	2014-06-14 20:51:19	NetFlex Disconnected
3540	NULL	172.16.66.19	2014-06-14 19:09:24	NetFlex Disconnected

網路管理專家提供關鍵字搜尋，將搜尋的關鍵字輸入再按 Enter，搜尋到的關鍵字會呈現黃底。

6-2. AP/STA 日誌

AP/STA 日誌



AP/STA Log

Search

No.	Time	Log Info
23693	2014-06-16 14:07:19	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Teacher at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23692	2014-06-16 14:07:13	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Teacher at Ap 172.16.66.180 C1-1.2 channel 1 frequency 2412 MHZ
23691	2014-06-16 14:05:35	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Student at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23690	2014-06-16 14:05:29	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Student at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23689	2014-06-16 14:05:26	IEEE 802.11g client 00:15:c7:fd:0c:e1 refused because MAC Authentication Fail Teacher at Ap 172.16.66.50 A1-D.1 channel 4 frequency 2427 MHZ
23688	2014-06-16 14:05:17	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Teacher at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23687	2014-06-16 14:05:11	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Teacher at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23686	2014-06-16 14:05:11	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Teacher at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23685	2014-06-16 14:05:11	IEEE 802.11g client 20:02:af:55:b3:cb refused because MAC Authentication Fail Teacher at Ap 172.16.66.181 C1-1.3 channel 11 frequency 2462 MHZ
23684	2014-06-16 14:04:07	IEEE 802.11g client 0c:8b:fd:1c:b8:d5 refused because MAC Authentication Fail Teacher at Ap 172.16.66.76 A4-6.1 channel 11 frequency 2462 MHZ
23683	2014-06-16 14:04:07	IEEE 802.11g client 0c:8b:fd:1c:b8:d5 refused because MAC Authentication Fail Teacher at Ap 172.16.66.76 A4-6.1 channel 11 frequency 2462 MHZ
23682	2014-06-16 14:04:07	IEEE 802.11g client 0c:8b:fd:1c:b8:d5 refused because MAC Authentication Fail Teacher at Ap 172.16.66.76 A4-6.1 channel 11 frequency 2462 MHZ

網路管理專家提供關鍵字搜尋，將搜尋的關鍵字輸入再按 Enter，搜尋到的關鍵字會呈現黃底。

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6-3. “網路管理專家”日誌

“網路管理專家”日誌

Log Viewer

Show 10 entries Search:

Time	Level	Message
2014-06-16 17:29:04.198	INFO	Account admin login.
2014-06-16 17:21:24.68	INFO	Account admin logout.
2014-06-16 14:49:17.231	INFO	Device IP = 192.168.1.1 Link View Read Device Success
2014-06-16 10:56:28.549	INFO	Device IP = 192.168.1.1 Link View Read Device Success
2014-06-16 10:42:35.662	INFO	Device IP = 172.16.66.1 Link View Read Device Success
2014-06-16 10:37:53.261	INFO	Device IP = 172.16.66.4 POE Status Interface Read Device Success
2014-06-16 10:37:52.804	INFO	Device IP = 172.16.66.4 Link View Read Device Success
2014-06-16 10:36:18.169	INFO	Device IP = 172.16.66.4 Port Status Read Device Success
2014-06-16 10:36:16.027	INFO	Device IP = 172.16.66.4 Link View Read Device Success
2014-06-16 10:36:12.181	WARN	Device IP = 172.16.66.4 VLAN Status Global Port = 2 4 5 7 Read Failed

Showing 1 to 10 of 500 entries Previous 1 2 3 4 5 … 50 Next

VIA CONF

6-4. “網路管理專家”異常日誌

“網路管理專家”異常日誌

Alarm Viewer

Show 10 entries Search:

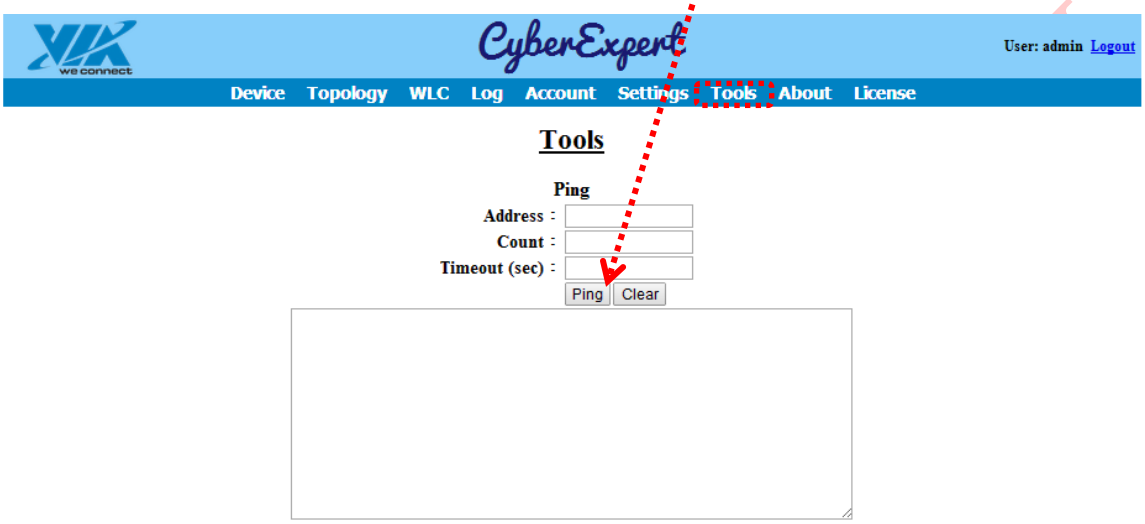
Time	Level	Message
2014-10-16 11:56:15.81	ERROR	VIA CyberExpert Start Up
2014-10-16 11:54:19.408	ERROR	VIA CyberExpert Shut Down
2014-10-15 09:50:05.673	ERROR	Device IP = 172.16.66.9 has disconnected over 30 minutes.
2014-10-15 09:21:51.634	ERROR	VIA CyberExpert Start Up
2014-10-15 09:21:32.946	ERROR	VIA CyberExpert Shut Down
2014-10-14 20:00:05.834	ERROR	Device IP = 172.16.66.9 has disconnected over 30 minutes.
2014-10-14 19:36:44.49	ERROR	VIA CyberExpert Start Up
2014-10-14 19:34:55.649	ERROR	VIA CyberExpert Shut Down
2014-10-14 16:20:05.06	ERROR	Device IP = 172.16.66.9 has disconnected over 30 minutes.
2014-10-14 15:52:15.249	ERROR	VIA CyberExpert Start Up

Showing 1 to 10 of 500 entries Previous 1 2 3 4 5 … 50 Next

VIA CONF

7. “網路管理專家”工具

“網路管理專家”提供 ping 工具，對於網路異常的網路設備，可以去 ping 它，先設定網路設備的 IP 位址、ping 的次數、及 Timeout 時間，設定完成後按 Ping。



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8. 關於”網路管理專家”

滑鼠點選 About，提供關於”網路管理專家”版本、電話、地址、及 E-Mail。

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9. “網路管理專家”版權設定

滑鼠點選 License，提供關於“網路管理專家”License 設定，先設定選擇檔案，再按 Upload 上傳，設定完成後，顯示“網路管理專家” Serial Number、目前網路設備個數，可允許網路設備個數。

VIA CONFI

10. 全球服務中心據點

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