How to config VLAN for IP phone

Due to customer would like to add VLAN ID 123 for Voice VLAN to the system. In the old system have VLAN ID 140 for CCTV system and VLAN ID 220 for data system. For how to add Voice VLAN for this system, please follow the instruction belows.

IP Range for this system:

IP Range for Voice VLAN : 10.34.123.0 – 10.34.123.254 , Subnet Mask: 255.255.255.0 IP Range for CCTV VLAN : 10.34.140.0 – 10.34.140.254 , Subnet Mask: 255.255.255.0 IP Range for DATA VLAN : 10.34.220.0 – 10.34.220.254 , Subnet Mask: 255.255.255.0

- 1. Go to web managed type http://192.168.1.1 in the address row in a browser, it will show the following screen and ask you inputting username and password in order to login and access authentication. The default username is "admin" and password is admin.
- 2. Go to "VLAN > Static"
 - a. Action = Add
 - b. Type VLAN ID
 - c. Status = Enable, L3 Interface = Enable
 - d. Apply





- 3. Go to "VLAN > Static"
 - a. Action = Modify

🛋 😫 🍋 🕨 🖉 🐖

- b. VLAN Name = Type your VLAN Name
- c. Status = Enable , Status = Enable, L3 Interface = Enable
- d. Apply

GTL-2691 ×			Samrit _ 🗆 🗙
← → C 🗋 192.168.1.1/index_437.htm			7 % 🔂 🚍
🗰 wad M Inbox (1) - samrits@ 👪 Indigo Distributio	n : 🛐 LevelOne Globa	ıl - Q 🍃 Lazada Seller Center 🤣 INTELLINET NETWO 🧧 Conceptronic 👖 download.level1.co 🃮 Sm	nart equipment in » 🗀 บุ๊กมาร์กอื่นๆ
		E Lak Down Admin Down Et 100 Unit 100 U	Letive T
 System Interface VLAN Static Dynamic Private Trunei Protocol IP Subnet MAC-Based MAC-Address Spanning Tree Traffic Security Administration IP IP Service Multicast Routing Protocol 	VLAN > Static Action: Modify VLAN ID (1-093) VLAN Name Status L3 Interface	▼ 123 ▼ IPPhone Ø Enabled Ø Enabled Apply Revert	

Page | 2

▲ 🍢 📫 😌 间 🐖 🌒 ENG 12:47 PM 2/8/2016

- 4. Assign port Member to VLAN for uplink port to CISCO's switch. In this case is port number 24.
 - a. Interface Port = 24
 - b. Mode = Hybrid
 - c. PVID = 1
 - d. Acceptable Frame Type = All
 - e. VLAN ID 123, 140, 220 = Tagged
 - f. Apply

GTL-2691 ×						Samrit _ 🗆 🗙
← → C 🗋 192.168.1.1/index_437.htm						¶ ¶a ☆ =
🗰 wed M Inbox (1) - samrits@ 🗰 Indigo Distribution	: 🛐 LevelOne Global - Q	🥃 Lazada Seller Ce	nter 🛛 😓 INTELLINET NETWO	🛛 Conceptronic 📘 download.level	.co 📮 Smart equipment in	» 📋 บุ๊กมาร์กอื่นๆ
		ink Down 📕 Admin Dow			Unit 1 T Mode Active T	
	VLAN > Static				20	
► System ► Interface ▼ VLAN	Action: Edit Member by	Interface V				
Static	Interface	Port 24 V	Trunk			
Oyramic Private	Mode	Hybrid v				
Tunnel Restand	PVID	1 •				
IP Subnet	Acceptable Frame Type	All V				
 MAC-Based MAC Address 	Statio VI AN Momboro	bin List Tatab (
> Spanning Tree	Static VLAN Members	Membership Type				
Traffic Security	VLAN	Tagged	Untagged	Forbidden	None	
 Administration 	1	0	۲	0	0	
► IP	123	۲			0	
> IP Service	140	۲			0	
 Multicast Reuting Protocol 	220	۲	0		0	
			Apply Reve	rt		

📲 📓 🚔 🚺 💹 🖉

- 5. Assign port Member to VLAN for uplink port to HP's switch. In this case is port number 21.
 - a. Interface Port = 21
 - b. Mode = Hybrid
 - c. PVID = 140
 - d. Acceptable Frame Type = All
 - e. VLAN ID 123, 140 = Untagged
 - f. VLAN ID 220 = Tagged
 - g. Apply





- 6. Go to menu "IP > Routing
 - a. Action = Add
 - b. Destination IP Address = 10.34.123.0
 - c. Net Mask/ Prefix Length = 255.255.255.0
 - d. Next Hop = 10.34.123.1
 - e. Apply

GTL-2691 ×		Samrit _ 🗆 🗙
← → C 🗋 192.168.1.1/index_43	37.htm	7 ¶a 🏠 🔳
🗰 wası M Inbox (1) - samrits@ 👪 Indigo	Distribution : 🛐 LevelOne Global - Q 🤪 Lazada Seller Center 🤣 INTELLINET NETWO 🥝 Conceptronic 🛐 download.level 1.co 📮 Smart equipment in	» 🛄 บุ๊กมาร์กอื่นๆ
ITIe		
	IP > Routing > Static Routes	
 System Interfare VLAN MACA Spannin Traffic Securit Admini Traffic Securit Admini Teaffic Securit Admini Teaffic Securit Securit Routing Routing 	Action: Action: cce Action: widdress Destination IP Address ing Tree Next Mask / Prefix Length istration Distance (1-255) p Distance (1-255) ccnfguration Apply revert	

🛋 🖾 🚞	Ç 😕 🦉				- 🖹 🖷 😌	Î 12:49 PM 2/8/2016
GTL-2691	×					Samrit 💶 🗖 🗙
← → Ĉ 🗋 192.168.*	1.1/index_437.htm					¶ ‰ ☆ Ξ
🗰 แอป M Inbox (1) - samrits@	👯 Indigo Distribution :	. 👖 LevelOne Global - Q 🍃 Lazada Seller	Center 🔗 INTELLINET NETWO 🛛 🛛 Conceptronic	download.level1.co	Smart equipment in	» 🦳 บุ๊กมาร์กอื่นๆ
		E Link Up Link Down Admin I	nvoC		Unit 1 T Mode Active T	
		IP > Routing > Static Routes			20	
	 System Interface 	Action: Show V				
	VLAN MAC Address	Static Table List Total: 3				
	 Spanning Tree Traffic 	Destination IP Address	Net Mask / Prefix Length	Next Hop	Distance	
	> Security	10.34.123.0	255.255.255.0	10.34.123.1	1	
	Administration	10.34.140.0	255.255.255.0	10.34.140.1	1	
► G ○ A ▼ R ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	 General ARP Routing Static Routes Routing Table VRRP IPAG Configuration IP Service Multicast Routing Protocol 		Delete Revert			
4 🛱 🗮	0 📕 🕅				- ita ## #	ि 🙀 🕪 ENG 12:49 PM

- 7. Assign Mac address of IP Phone to Mac Base VLAN 123.
 - a. Go to "VLAN > MAC Based"
 - b. Action = add
 - c. MAC Address = Type Mac address of your ip phone
 - d. VLAN ID =123
 - e. Priority = 1
 - f. apply



