WS16POE Switch



User Manual

Version: 01/01/2011



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Web Smart Switch Configure

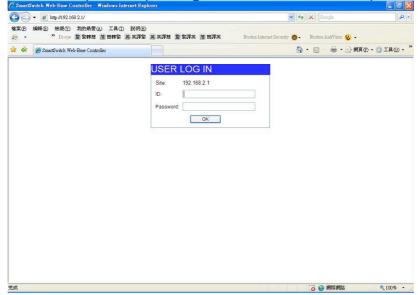
Please follow the steps to configure this Web Smart switch.

Step 1: Use a twisted pair cable to connect this switch to your PC.

Step 2: Set your PC's IP to 192.168.2.xx.

Linksys LNE100TX(v5) Fast Etherne	Internet Protocol (TCP/IP) Propert	ties	?
Components checked are used by this con	General You can get IP settings assigned aut this capability. Otherwise, you need to the appropriate IP settings. © Obtain an IP address automatic © Use the following IP address: — IP address: Subnet mask: Defuil activity.	o ask your network administrator for	
wide area network protocol that provide: across diverse interconnected networks. Show icon in taskbar when connected	C Obtain DNS server address aut C Obtain DNS server address aut C Use the following DNS server a Preferred DNS server: Alternate DNS server:		

Step 3: Open the web browser (like IE...), and go to 192.168.2.1 Then you see the login screen.

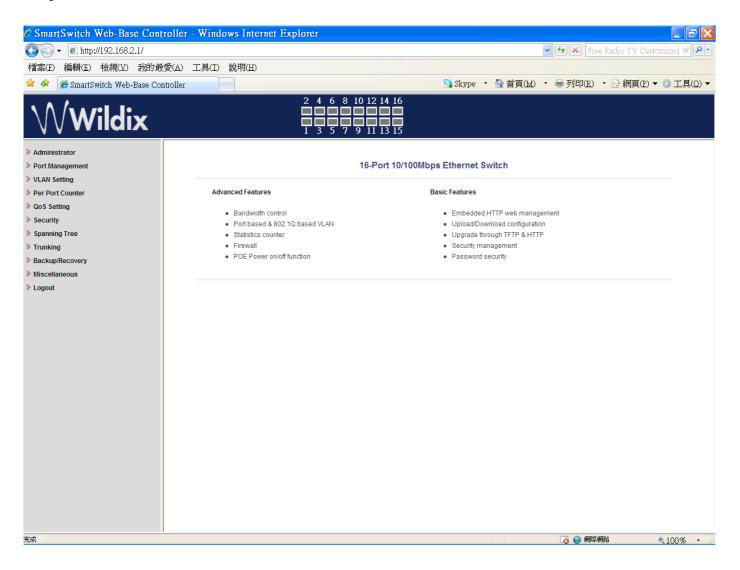


ID and the password: admin

Step 4: After the authentication procedure, the home page shows up. Select one of the configurations by clicking the icon.

- Administrator

- Port Management
- VLAN Setting
- Per Port Counter
- QoS Setting
- Security
- Spanning Tree
- Trunking
- Backup/Recovery
- Miscellaneous
- Logout



Administrator: Authentication Configuration

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V Administrator	Authentication Con	figuration					
 Authentication Configuration 							
 System IP Configuration 	Setting		Value				
 System Status 	Username	admin	max:15				
 Load default setting Firmware Update 	Password	••••	max:15				
Reboot Device	Confirm	••••]				
Port Management VLAN Setting		Up	date				
Per Port Counter	Note:						
QoS Setting	Username & Password can or	nly use "a-z","A-	Z","0-9","_","+","-",	"=".			
Security							
Spanning Tree							
Trunking							
Backup/Recovery Miscellaneous							
Logout							
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- 1. Change the user name and the password.
- 2. Click on "Update" to confirm the change.

You can use the new user name and password.

Administrator: System IP Configuration

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\mathcal{N} Wildix		2 4 6 8 10 12 14 16 1 3 5 7 9 11 13 15					
Administrator Authentication	System IP Confi	guration					
Configuration System IP Configuration	Setting	Value					
System StatusLoad default setting	IP Address	192 168 2 1					
Firmware UpdateReboot Device	Subnet Mask	255 255 255 0					
Port Management	Gateway	192 168 2 25	4				
VLAN Setting Per Port Counter	IP Configure	⊙ Static ○DHCP					
 Per Port Counter QoS Setting 		Update					
 Security Spanning Tree 	Note: Invalid IP Address						
Trunking	"127.0.0.1", "127.*.*.*",						
Backup/Recovery	"0.0.0.0", " * * * .0",						
Miscellaneous	"*.*.255",						
Logout	and Greater than 223.*.*.*						
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- 1. Change the IP address: type the new IP address or select DHCP IP configuration.
- 2. Click on "Update" to confirm the change. "Setting Process OK!!" is shown on the screen.
- 3. Click on "Reboot" to use new setting

The setting of "System IP Configuration" is finished.

Administrator: System Status

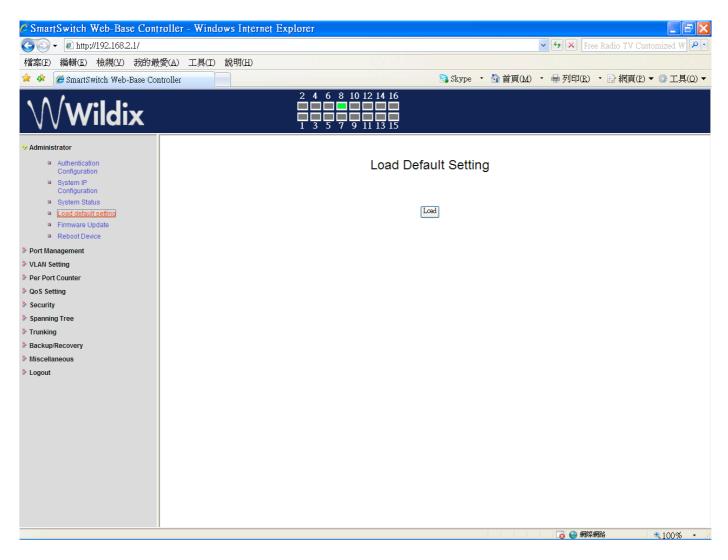
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WWildix		2 4 6 8 10 12 14 16 1 3 5 7 9 11 13 15			
V Administrator	System Status				
 Authentication Configuration 					
 System IP Configuration 	MAC Address	00:03:ce:01:1a:09			
 System Status Load default setting 	Number of Ports	16			
 Firmware Update 	System Version	V100817			
Reboot Device		Idle Time: ⁰	(1~30 Minutes)		
Port Management	Idle Time Security	O Auto Logout(Default).			
VLAN Setting Per Port Counter		O Auto Logout(Detautt).			
QoS Setting		O Back to the last display.			
Security		Update			
Spanning Tree	1				
Trunking Backup/Recovery					
Miscellaneous					
Logout					
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MAC address and system version are shown on the screen.

- 1. You can enter a new comment for this switch.
- 2. Click on "Update" to confirm the change.

The setting of "System Status" is finished.

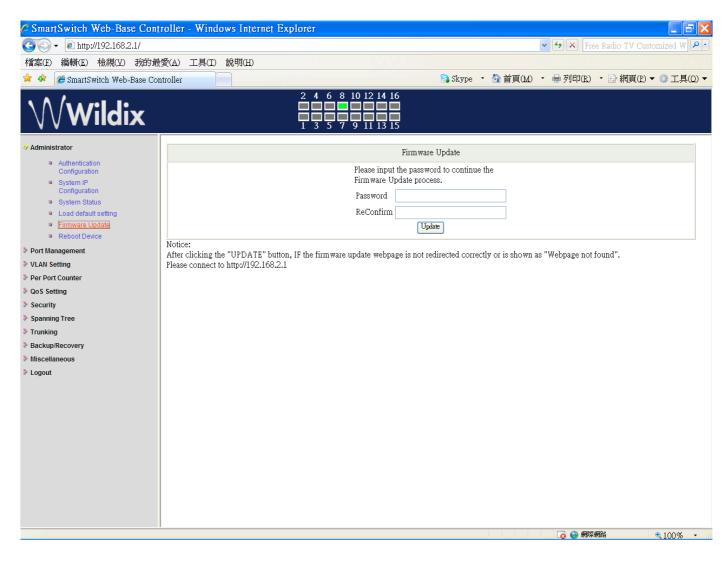
Administrator: Load Default Setting



1. Click on "Load" to go back to the factory default setting.

**Note: Recover switch default setting excludes the IP address, User name and Password.

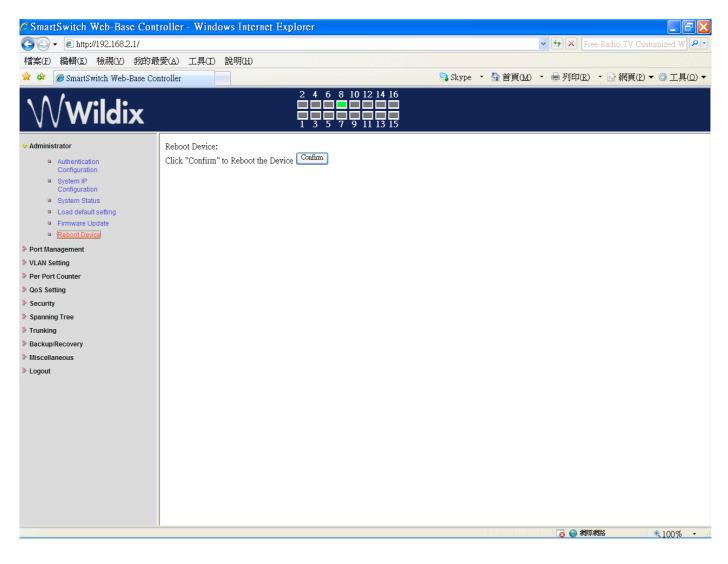
Administrator: Firmware Update



Follow the instruction on the screen to update the firmware.

Please contact your sales agents to get the latest firmware information.

Administrator: Reboot Device



1. Click on "Confirm" to reboot the device.

Port Management: Port Configuration

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Administrator	Port	Conf	igurat	ion									
Port Management Port Configuration													
Port Mirroring	Encode		Auto	Sp	beed	Duplex	Pau	se	Backpre	ssure	Tx Capability	Addr.	Learning
 Bandwidth Control Broadcast Storm 	Functio	IIC	🗸		*	💙		*		*	💙		~
Control POE	Select Port No	o.		01 🗖	02 🗆 03 🗖	04 🗖 05 🗖	06 🗖 07	08 🗖	09 🗖 10 🗖	11 🗖 12	🗖 13 🗖 14 🗖 15 🛛	16 🗆	
LAN Setting							1	Update					
er Port Counter													
loS Setting ecurity													
panning Tree			Cur	rent Status						Setting S	tatus		
runking ackup/Recovery	Port	Link	Speed	Duplex	FlowCtr	l Auto-l	Nego	Speed	Duplex	Pause	Backpressure	Tx Cap	Addr. Learning
liscellaneous	1					Au	to	100M	Full	On	On	On	On
ogout	2					Au		100M	Full	On	On	On	On
	3					Au		100M	Full	On	On	On	On
	4					Au	to	100M	Full	On	On	On	On
	5					Au	to	100M	Full	On	On	On	On
	6					Au	to	100M	Full	On	On	On	On
	7					Au	to	100M	Full	On	On	On	On
	8	•	100M	Full	On	Au	to	100M	Full	On	On	On	On
	9					Au	to	100M	Full	On	On	On	On
	10					Au	to	100M	Full	On	On	On	On
	11					Au	to	100M	Full	On	On	On	On
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Select the "Port No." to configure the modes below:

- 1. "Auto-Nego" enable/disable Auto-Negotiation.
- 2. "Speed" 10M or 100M mode for the selected port.
- 3. "Duplex" Full or Half-Duplex mode for the selected port.
- 4. "Pause" enable/disable for the selected port.
- 5. "Backpressure" enable/disable for the selected port.
- 6. "Tx Capability (Capability) " enable/disable for the selected port.
- 7. "Addr. Learning" enable/disable for the selected port.

The setting of "Port Configuration" is finished.

Port Management: Port Mirroring

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Administrator Port Management	Port Mirroring								
 Port Management Port Configuration 									
Port Mirroring		1	2	3	4	5	6	7	8
Bandwidth Control	Dest Port								
 Broadcast Storm Control 		9	10	11	12	13	14	15	16
POE									
VLAN Setting	Monitored Packets	Disable	*						
Per Port Counter		1	2	3	4	5	6	7	8
QoS Setting Security	Source Port								
Spanning Tree		9	10	11	12	13	14	15	16
Trunking									
Backup/Recovery			U	pdate					
Miscellaneous	Multi to Multi Sniffer function								
▶ Logout									
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Port Mirroring is used to mirror traffic, RX, TX or TX&RX, from Source port to Destination port for analysis.

- 1. Select the Destination port: you can select port 1 to port 16
- 2. Select the Source port: click on the check box of the port.
- 3. Click on "Update" to save the setting.

The setting of "Port Mirroring" is finished.

Port Management: Bandwidth Control

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WWildix	ζ		2 4 6 8 10 12 14 1 3 5 7 9 11 13	16 				
Administrator	Bandw	idth Control						
Port Management								
 Port Configuration Port Mirroring 	Port No	D	Tx Rate Value			Rx	Rate Value	
 Bandwidth Control Broadcast Storm Control 	01 🗸	Bandwidtl O: Full spee	n = X resolution. (0~19/ d. 1~19/195/255: Specified				resolution. (0~19/195/255) 95/255: Specified bandwidt	
POE VLAN Setting Per Port Counter QoS Setting Security	Resoluti	(1).When link speed (2).When link speed	55. I is 10M and the resolution i I is 100M and the resolution e bandwidth resolution.					
Spanning Tree Trunking				Update	LoadDefaul	t		
Backup/Recovery	If the link	speed of selected port is lov	ver than the rate that you set	ting, this sys	tem will u	se the value of link speed as ye	our setting rate.	
Miscellaneous Logout								
	Port No	Tx Rate(Kbps)	Rx Rate(Kbps)	Link Speed	Port No	Tx Rate(Kbps)	Rx Rate(Kbps)	Link Speed
	1	Full Speed	Full Speed		9	Full Speed	Full Speed	
	2	Full Speed	Full Speed		10	Full Speed	Full Speed	
	3	Full Speed	Full Speed		11	Full Speed	Full Speed	
	4	Full Speed	Full Speed		12	Full Speed	Full Speed	
	5	Full Speed	Full Speed		13	Full Speed	Full Speed	
	6	Full Speed	Full Speed		14	Full Speed	Full Speed	
	7	Full Speed	Full Speed		15	Full Speed	Full Speed	
	0	Eull Croad	Eull Canad	10034	16	Eull Canad	Eull Cound	

- 1. Select the "Port No.": port 1 to port 16
- 2. "TX Rate Value": set the transmission rate of the selected port. (O: Full speed; 1~255: Specified bandwidth.)
- 3. "RX Rate Value": set the receiving rate of the selected port. (O: Full speed; 1~255: Specified bandwidth.)
- 4. "Resolution": Low: 32 kbps / High: 512 kbps
- 5. Click on "Update" to confirm the setting or "LoadDefault".

The setting of "Bandwidth Control" is finished.

Port Management: Broadcast Storm Control

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WWildix	2 		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$								
 Administrator Port Management 	Broadcast Storm Cont	rol									
 Port Configuration Port Mirroring Bandwidth Control 	Threshold	1~63									
Broadcast Storm Control POE	Enable Port	1	2	3	4	5	6 □	7	8		
VLAN Setting		9	10	11	12	13	14	15	16		
Per Port Counter				Update	1]					
 QoS Setting Security 	This value indicates the number of br	oadcast pac	ket which is a	llowed to ente	er each port ii	n one time ur	nit. One time	unit is 500 u	s for		
Spanning Tree	100Mbps speed and 5000us for 10M	Ibps speed									
Trunking Backup/Recovery											
Miscellaneous											
Logout											
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- 1. "Threshold" Set the threshold from 1~63.
- 2. "Enable Port" per port to define the status of broadcast packets.
- 3. Click on "Update" to confirm the setting.

The setting of "Broadcast Storm Control" is finished.

Port Management: PoE Configuration

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dministrator ort Management	POE Configura	tion							
Port Configuration									
 Port Mirroring Bandwidth Control 	Port	01	02	03	04	05	06	07	08
 Broadcast Storm Control 	Enable								
■ POE	PSE Current	No Load	No Load	No Load	No Load	No Load	No Load	No Load	No Load
AN Setting r Port Counter	Minimun Output Power								
S Setting	POE Class								
ecurity panning Tree	Port	09	10	11	12	13	14	15	16
unking	Enable								~
ckup/Recovery	PSE Current	No Load	No Load	No Load	No Load	No Load	No Load	No Load	No Load
scellaneous gout	Minimun Output Power								
	POE Class								
				l	Ipdate				
	Update: Update the powe Enable ^I Power On Enable ^I :Power Off	er control funtion	1.						

Remote access and monitor the attached PD (Powered Device) status by using Enable/Disable function. ** 16-port shares 123.2W

- 1. Enable: POE of the port is able to supply power to the attached PD (Powered Device)
- 2. PSE Current & Minimum Output Power: The status of the port current and minimum output power.
- 3. POE class: each POE port will detect the class of the attached PD (Powered Device)
- 4. Click on "Update" to confirm and finish the setting.

The setting of "PoE Configuration" is finished.

VLAN Setting: VLAN Mode

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 Administrator Port Management 	VLAN Mode					
VLAN Setting VLAN Mode VLAN Member Multi to 2 Setting	VLAN Mode	Port Based VLAN Change VLAN mode				
 Per Port Counter QoS Setting 						
 Security Spanning Tree 						
Trunking						
Backup/Recovery Miscellaneous						
Logout						
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There are two VLAN modes : Port Based VLAN and Tagged VLAN.

Click on "Change VLAN mode" to select the mode.

**If the Port Based VLAN function is enabled, Multi to 2 setting and tag Based VLAN are disabled automatically.

The setting of "VLAN Mode" is finished.

VLAN Setting: VLAN Member Setting (Port Based)

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Administrator	VLAN Me	mber S	etting	(Port	Based)												
Port Management				•													
/LAN Setting			Port								01 🗸	Read					
VLAN Mode VLAN Member																	
 Multi to 2 Setting 			est PORT			0:		02	03		04	05		06	0'	7	08
er Port Counter		Memb	er Selec	tion]	~			✓			~		2	V
oS Setting		De	est PORT			09)	10	11	L	12	13		14	15	5	16
ecurity		Memb	er Selec	tion]	~		3	✓			~		0	~
panning Tree unking								Update	LoadDef	ault							
ackup/Recovery liscellaneous																	
ogout								VLAN	MEMBI	ER							
ogout	Port	1	2	3	4	5	6	VLAN	MEMBI	ER 9	10	1	1 2	1 3	1 4	15	1 6
ogout	Port 1	1 v	2	3 V	4 v	5 v	б										
ngout		_	_		_	_		7	8	9	0	1	2	3	4	5	6
ogout	1	v	v	v	v	v	V	7 v	8 V	9 v	0 V	1 v	2 ¥	3 V	4 v	5 v	6 V
ogout	1 2 3	V V	V V	v v	v v	v v v	V V V	7 v v	8 V V V	9 V V	0 V V	1 v v v	2 v v	3 V V V	4 v v	5 v v	6 V V V
ogout	1 2 3 4	V V V V	V V V V	V V V V	V V V V	V V V	V V V V	7 v v v v	8 V V V V	9 V V V V	0 V V V V V	1 v v v v v	2 v v v v	3 V V V V	4 v v v v v	5 V V V V	6 v v v v v
gout	1 2 3 4 5	V V V V V	V V V V V	V V V V V	V V V V V	V V V V V	V V V V V	7 v v v v v v v	8 V V V V	9 V V V V V	0 V V V V V V	1 v v v v v	2 v v v v v v	3 v v v v v	4 v v v v v v v v	5 v v v v v v v	6 V V V V V V
gout	1 2 3 4 5 6		V V V V V V V		V V V V V V V V V V V V	V V V V V V	V V V V V V	7 v v v v v v v v v v v v v v v v	8 V V V V V V V V	9 v v v v v v v v v v v v v v v v v v	0 V V V V V V V V V	1 v v v v v v v v	2 V V V V V V V	3 V V V V V V V	4 v v v v v v v v v v v v v	5 V V V V V V	6 V V V V V V V V V
gout	1 2 3 4 5 6 7	V	V V V V V V V V V V V V V V	V V V V V V V V V	V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V	V V V V V V V V V V	7 v v v v v v v v v v v v v v v v v	А А А А А А А А А А А А А А А А А А А	9 v v v v v v v v v v v v v v v	0 v v v v v v v v v v	1 v v v v v v v v	2 V V V V V V V V	3 v v v v v v v v v v	4 v v v v v v v v v	5 V V V V V V V V V	6 V V V V V V V V V V
sgout	1 2 3 4 5 6 7 8	V V	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V	7 v v v v v v v v v v v v v v v v v v v	А А А А А А А А А А А А А А А А А А А	9 v v v v v v v v v v v v v v v v v v v	0 v v v v v v v v v v v v v	1 v v v v v v v v v v	2 v v v v v v v v v v v v v	3 v v v v v v v v v v v	4 V V V V V V V V V V V V V	5 V V V V V V V V V V	6 V V V V V V V V V V V V
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You can select a port group.

- 1. Click on the port numbers that you want to put into the selected VLAN group.
- 2. Click on "Update" to confirm and finish the setting.
- 3. Click on "LoadDefualt" to go back to the original factory setting.

The setting of "VLAN Mode" is finished.

VLAN Setting: Multi to 2 Setting

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This is a special design for setting the switch VLAN into "VLAN Per Port".

- 1. Select "Destination Port No".
- 2. Select "Disable Port"
- 3. "Disable Port" select the port that you don't want to use
- 4. Click on "Update" to confirm and finish the setting.

After this setting all ports can connect only to destination ports.

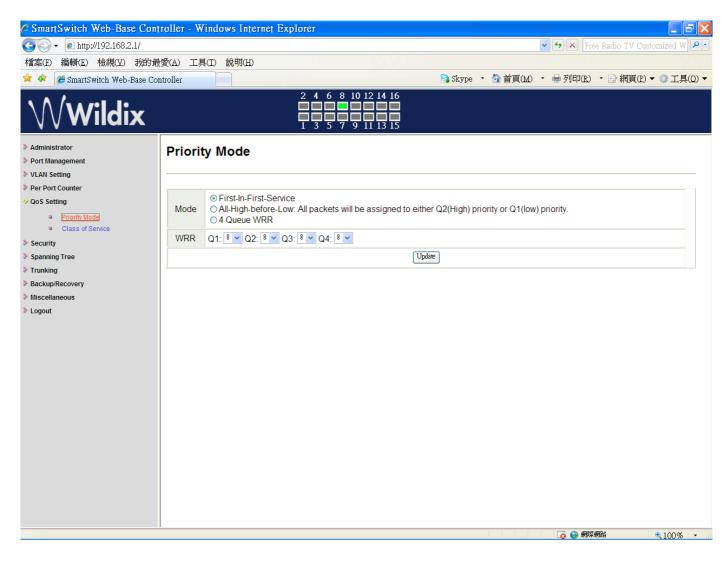
Per Port Counter: Counter Category

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		Refresh	

You can read the transmitting and receiving packet of the connecting port.

Click on "Refresh" or "Clear" the data.

QoS Setting: Priority Mode



There are three Priority Modes to select.

- 1. "First-in-First-Service" the first receiving packet is firstly transmitted.
- 2. "All-High-before-Low" All packets are assigned to either high priority queue or low priority queue.
- 3. "4 Queue WRR (Weight-Round-Robin)" set the ratio of the transmitting packet.
- 4. Click on "Update" to confirm and finish the setting.

QoS Setting: Class of Service

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You can set QoS mode of port.

TCP/UDP > TP TPS/DS > 802.1P > Physical port

1. "TCP/UDP Port" – Q1 ~ Q4 options are effective for the selected physical port only. "Drop" option is the global setting for all physical ports.

The packet queue is transferred based on the number of "4 Queue WRR" on **QoS Setting: Priority Mode.**

- **WRR –Q1/Q2/Q3/Q4 **"Drop" - packets are dropped.
- 2. "IP TOS/DS" "Priority Setting": Q1 ~ Q4; "IP TOS/DS Port Setting" It means the packets with special IP are firstly transmitted.
- 3. "802.1p" Priority mapping table as the screen shows.
- 4. "Physical port" you can select the port you want to configure as Q1~Q4 priority.
- 5. Click on "Update" to confirm and finish the setting.

The setting of "Class of Service" is finished.

Security: MAC Address Configuration

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Administrator Port Management	MAC Address Config	guration		
VLAN Setting				
Per Port Counter	Port No.		MAC Address	
QoS Setting				
Security				
MAC Address Binding	1			
TCP/UDP Filter			Read	
Spanning Tree		Select Port 01 V Bi	nding Disable 🗸 Update	
Trunking Backup/Recovery				
Miscellaneous	Port No.	Filter Status	Port No.	Filter Status
Logout	1	Disable	9	Disable
	2	Disable	10	Disable
	3	Disable	11	Disable
	4	Disable	12	Disable
	5	Disable	13	Disable
	6	Disable	14	Disable
	7	Disable	15	Disable
	8	Disable	16	Disable
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Set special MAC address to activate on the selected port

- 1. "Select Port" port 1~16
- 2. "Binding" "Enable": allow the packet with the specified source MAC address to enter this port.
- 3. Click on "Update" to confirm and finish the setting.

The setting of "MAC Address Filter" is finished.

Security: TCP_UDP Filter Configuration

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Administrator	TCP/UDP Fil	ter Configura	tion			<u>^</u>			
Port Management		ter eeningune							
 VLAN Setting Per Port Counter 	Function Enable	Disable 🗸							
QoS Setting		Deny 🗸							
Security MAC Address Binding TCP/UDP Filted Spanning Tree Trunking	MAC Address Binding (TCP/UOP Filter) Port Filtering Rule "Deny" means the outgoing packets to the selected port with selected protocol will be dropped and other protocols will be forwarded. "Allow" means the selected protocol will be forwarded and other protocol will be dropped. Note: 1. The secure WAN port should be set at the physical port which is connected to the server. 2. Once this function is enabled, the switch will check the destination TCP/UDP port number at								
Backup/Recovery Miscellaneous		Port01	Port02	Port03		Port04			
Logout	Commo Doct	Port05	Port06	Port07		Port08			
	Secure Port	Port09	Port10	Port11		Port12			
		Port13	Port14	Port15		Port16			
		🗖 FTP	SSH	🗖 TELNET		□ SMTP			
		DNS	TFTP	HTTP		POP3			
		□ NEWS	□ SNTP	NetBIOS		IMAP			
	Protocol	SNMP	HTTPS	□ XRD_RD	P	BOOTP/ DHCP			
		User- defined A TCP/UDP	User- defined B TCP/UDP	User- defined C TCP/UDP					
				Update					
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You can enable or disable this function per port.

If the "Function Enable" is "Enabled", please check the following setting:

- 1. "Port Filtering Rule" -
 - "Deny": outgoing packets to the selected port with selected

protocol are dropped and other protocols are forwarded.

- "Allow": selected protocols are forwarded and other protocols are dropped.
- 2. "Secure Port" select secure ports.
 - **Note 1:
 - a. The secure WAN port should be set at the physical port which is connected to the server.
 - b. Once this function is enabled, the switch checks the destination TCP/UDP port number at the outgoing direction of the secure WAN port.
 - If the condition matches, this packet is dropped or forwarded.

- **Note 2: The description of Secure WAN port is shown in the bottom of this screen.
- 3. "Protocol" select protocols.
- 4. Click on "Update" to confirm and finish the setting.

The setting of "TCP/UDP Filter Configuration" is finished.

Spanning Tree: STP Bridge Settings

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 Administrator Port Management 	STP Brid	ge Settings						
VLAN Setting					ิล			
Per Port Counter		STP Bridge Stat Bridge Priority Hello Time		Forward Delay				
 QoS Setting Security 	STP Mode		_					
Spanning Tree		(0~61440) (1~10 Sec)	(6~40 Sec)	(4~30 Sec)				
STP Bridge Settings		2 Submit	20	15	1			
 STP Port Settings Trunking 	Mate: 2*/Earur	ard Delay-1) >= Max Age,						
Backup/Recovery								
Miscellaneous	Max Age >= 2*	*(Hello Time+1)						
Logout								
			STP Brid	ge Status				
	STP Mode	Bridge ID	Hello Time	Max Age	Forward Delay	Root ID		
	RSTP	32768:00 03 CE 01 1 A 09	2	20	15	I'm the root brids	ge!	
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This setting is brought to avoid the loop network.

- 1. Select the "STP Mode"- select "Disable", "STP" or "RSTP"
- 2. Set the "Bridge Priority" Set the priority of the Bridge
- 3. Set the period of "Hello Time" packet Provides the time period between root bridge configuration messages.
- 4. Set the "Max Age" Indicates when the current configuration message should be deleted.
- 5. Set the "Forward Delay" time Provides the length of time. After topology is changed, bridges should wait before transitioning to a new state (If a bridge transition is very fast, some network links might not be ready to change their states and loops might occur.)
- 6. Click on "Update" to confirm and finish the setting.

The setting of "STP Bridge Settings" is finished.

Spanning Tree: STP Port Settings

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Administrator	STR Do	rt Settings						
Port Management	517 70	t Settings						
VLAN Setting								
Per Port Counter		STP Port Se	ttings					
QoS Setting	Port No.	Priority	RPC (Root P					
Security		(0~240)	(1~20000	0000)				
Spanning Tree		~						
STP Bridge Settings		Submit)					
STP Port Settings								
Trunking								
Backup/Recovery				51	P Port Status			
Miscellaneous			1				Designated	
Logout	Port No.	RPC	Priority	State	Status	Designated Bridge	Port	
	1	Auto(200000)	0x80		Disable			
	2	Auto(200000)	0x80	1	Disable			
	3	Auto(200000)	0x80		Disable			
	4	Auto(200000)	0x80		Disable			
	5	Auto(200000)	0x80		Disable			
	6	Auto(200000)	0x80		Disable			
	7	1	0x80		Disable			
	8	15	0x80	Designated Port	Forwarding			
	9	10	0x00		Disable			
	10	2	0x00		Disable			
	11	Auto(200000)	0x00		Disable			
	12	Auto(200000)	0x00		Disable			
	13	Auto(200000)	0x00		Disable			
	14	Auto(200000)	0x00		Disable			
	15	Auto/200000)	0~00	ار <u></u> ار	Disable			10% -

- 1. Select "Port No." : Port 1 ~ Port 16
- 2. Select "Priority": 0~ 240

3. "RPC" = Root Path Cost: 0 = AUTO. When the loop is found, the STP/RSTP calculates the cost of its path.

Trunking: Link Aggregation Settings

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Administrator	Trunking												
 Port Management VLAN Setting 													
Per Port Counter	System Prior	rit y			0		(1~65	535)					
QoS Setting	Link Aggregation	Algorith	ш			MACS	wroe 🗸	•					
Security			S	ubmit						1			
Spanning Tree	Notice: If any trunk group i									1			
Trunking Link Aggregation	enabled(can't Forward/Recei port.	ve) until	the port	can finis	sh LACF	' procedı	are with	its link 1	partner				
Settings Backup/Recovery													
Miscellaneous													
Logout	Refresh												
			Link G	тоцр 1			Link (лоцр 2					
		P1	P2	P3	P4	P5	P6	P7	P8	1			
	Member												
								<u> </u>					
	State		Disab					ble 🗸					
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	Operation Key			(1~655	35)			(1~655					
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There are two groups to select and max. for each group is 4 ports.

Click on "Submit" to confirm and finish the setting.

"State" – Enable / Disable

"Type" – LACP/ Static

"Activity" – Active/Passive: Both switches use "LACP" to configure the Trunk, at least one of them should be "Active"

Backup/Recovery

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\mathcal{W} Wildix	2 4 6 8 10 12 14 16 1 3 5 7 9 11 13 15				
 Administrator Port Management 	Configuration Backup/Recovery				
VLAN Setting	Backup(Switch→PC)				
 Per Port Counter QoS Setting 	Please check "Download" to download EEPROM contents.				
 Security Spanning Tree 					
 Trunking Backup/Recovery 	Recovery(PC>Switch)				
 Miscellaneous Logout 	Select the image file :				
	Password: Update				
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Follow the instruction on the screen to update the original setting.

- "Backup" Click on "Download" to confirm the setting.
- "Recovery" select a file and enter the password -> Click "Update" to confirm the setting.

Miscellaneous: Miscellaneous Setting

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\mathcal{W} Wildix		2 4 6 8 10 12 14 16 2 3 5 7 9 11 13 15
 Administrator Port Management 	Miscellaneous	Setting
VLAN Setting		
Per Port Counter		Output Queue Aging Time
QoS Setting	Aging time	The output queue aging function allows the administrator to select the aging time of a packet stored in the output queue. A
Security	Disable 🖌 ms	packet stored in the output queue for a long time will lower the free packet buffer, resulting in the poor utilization of the buffer and the poor switch performance.
Spanning Tree Trunking		VLAN Striding
Backup/Recovery	VLAN Striding	When this function is enabled, the switch will forward a uni-cast packet to the destination port. No matter whether the destination port is in the same VLAN group.
Miscellaneousi Logout		IGMP Snooping V1 & V2
• Logour	ICMD Speeping	
	IGMP Snooping Disable	IGMP Snooping V1 & V2 function enable
		Update
		- · · · · · · · · · · · · · · · · · · ·

- 1. "Output Queue Aging Time" You can set queue aging time into different milliseconds or disable this function.
- 2. "VLAN Striding" Enable/disable this function.
- 3. "IGMP Snooping V1 & V2" Enable/disable this function.
- 4. "VLAN Uplink Setting" Set "uplink1 or uplink2" or "Clear uplink1" or "Clear uplink2"
- 5. Click on "Update" to confirm and finish the setting.

Logout: You can click "Logout" to logout.

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