

Setup the computer to be same IP network as 192.168.1.x

The screenshot shows the Windows 7 network configuration process. The background is the Windows Explorer window showing the 'Computer' view with 'Hard Disk Drives (1)' and 'Network Location (1)'. The foreground shows the 'Network and Sharing Center' with a diagram of the network setup: TEST-PC (This computer) connected to an Unidentified network, which is connected to the Internet. The 'Unidentified network' is set to 'Public network' with 'No Internet access'. The 'Local Area Connection' is highlighted.

Overlaid on the Network and Sharing Center are three windows:

- Local Area Connection Status**: Shows 'General' tab with 'Connection' details: IPv4 Connectivity: No Internet access, IPv6 Connectivity: No network access, Media State: Enabled, Duration: 258 days 02:20:49, Speed: 1.0 Gbps.
- Local Area Connection Properties**: Shows 'Networking' tab with 'Connect using: Realtek PCIe GBE Family Controller'. It lists several checked items: Client for Microsoft Networks, Virtual PC Network Filter Driver, QoS Packet Scheduler, File and Printer Sharing for Microsoft Networks, Internet Protocol Version 6 (TCP/IPv6), and Internet Protocol Version 4 (TCP/IPv4).
- Internet Protocol Version 4 (TCP/IPv4) Properties**: Shows 'General' tab with 'Use the following IP address' selected. The IP address is set to 192.168.1.3, Subnet mask is 255.255.255.0, and Default gateway is

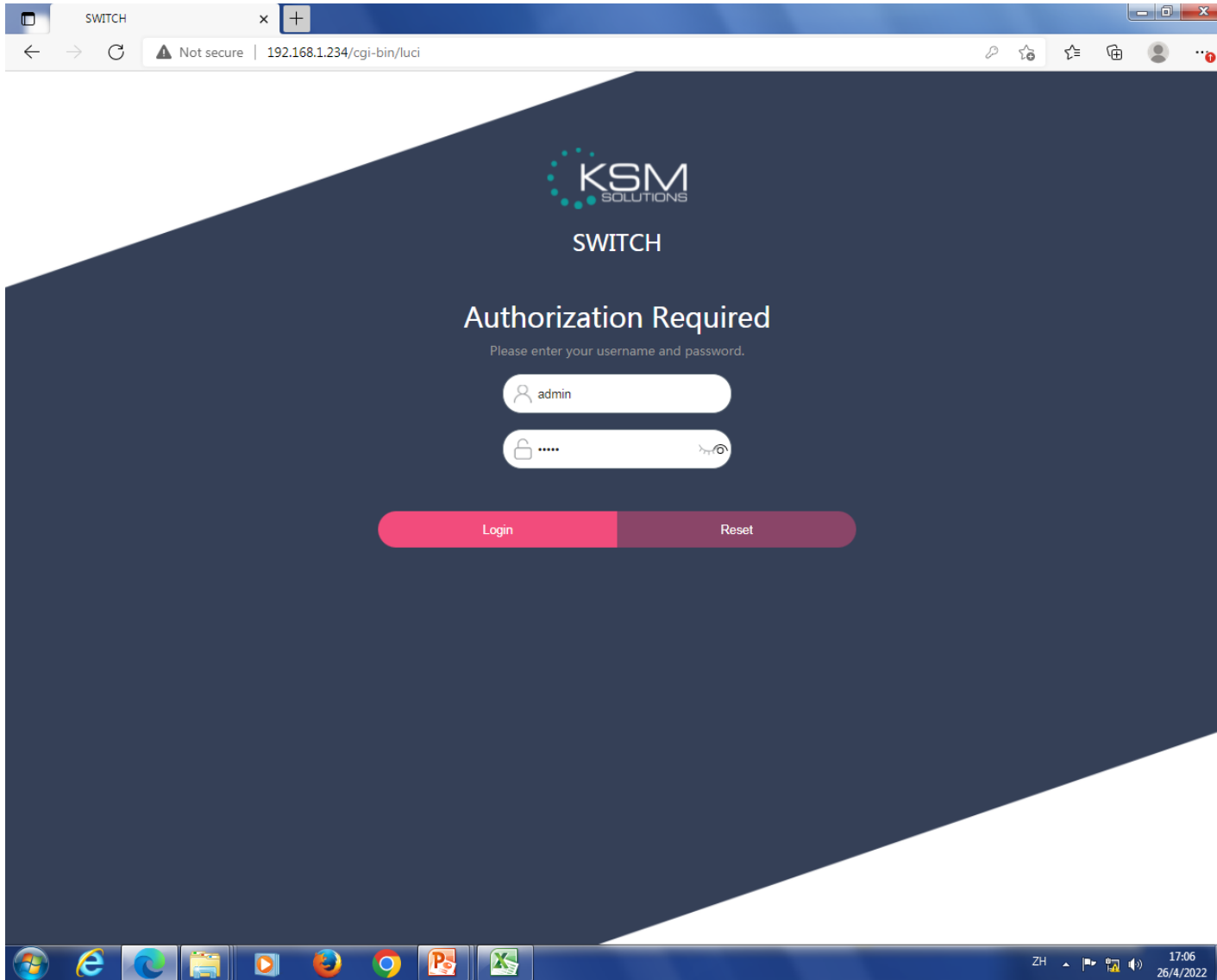
The taskbar at the bottom shows the Start button, Internet Explorer, and several application icons. The system tray shows the time as 12:00 on 25/4/2022.

Set as
192.168.1.3

Use “Edge Browser”,
Type 192.168.1.234 at the IP address,
following screen will appear.

Note:

The switch software do not operate well on FireFox browser .



Use account “admin”,
log-in “admin”

Web control menu

The screenshot shows a web browser window displaying the KSM SWITCH web control menu. The browser address bar shows the URL `192.168.1.234/cgi-bin/luci`. The page features a dark sidebar on the left with the KSM SOLUTIONS logo and navigation options: SWITCH, Interface, L2 Switch, Security, and System. The main content area includes a language selector (中文, English), a status bar with buttons for Interface Status Show on, Overview, Save, and Logout, and a row of interface status indicators for GE0/1 through GE0/6. A warning message states "Default password set!" and prompts the user to configure a new password, with buttons for "Go to password configuration..." and "Dismiss". Below this is the "Basic Information" section, which displays the following details:

Host Name	SWITCH
MAC Address	7C-EC-9B-11-5C-2B
Hardware Version	1
Software Version	develop (r2627 f60a738)
Release Date	2022-02-11 14:07:42 +0000
Product SN	SM8C22L00452
System Uptime	0d 0h 26m 16s

At the bottom right of the main content area, there are "Apply" and "Reset" buttons. The Windows taskbar at the bottom shows the system tray with the date and time: 17:08, 26/4/2022.

Set VLAN

SWITCH - VLAN

192.168.1.234/cgi-bin/luci/stok=2ea14dc67681d8adf44b98d81cbc4b1f/admin/switch/vlan

中文 English

Go to password configuration... Dismiss

Interface Status Show on Overview Save Logout

VLAN

<input type="checkbox"/>	ID	Name	Tagged Members	Untagged Members	Edit
<input type="checkbox"/>	1	default		GigabitEthernet0/1, GigabitEthernet0/2, GigabitEthernet0/3, GigabitEthernet0/4, GigabitEthernet0/5, GigabitEthernet0/6	Edit

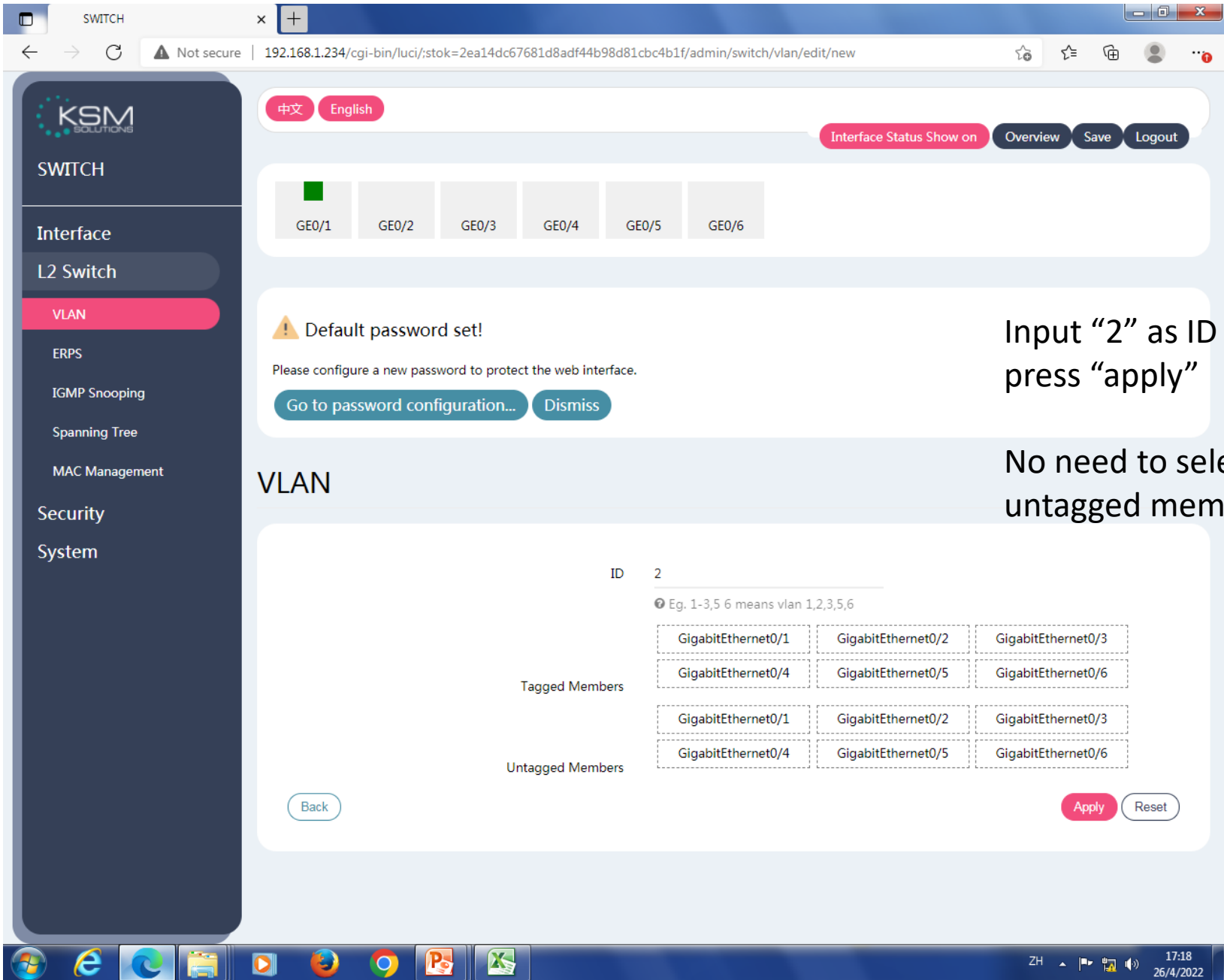
Add Delete

Interface

<input type="checkbox"/>	Name	Vlan Mode	PVID
<input type="checkbox"/>	GigabitEthernet0/1	Access	1
<input type="checkbox"/>	GigabitEthernet0/2	Access	1
<input type="checkbox"/>	GigabitEthernet0/3	Access	1
<input type="checkbox"/>	GigabitEthernet0/4	Access	1
<input type="checkbox"/>	GigabitEthernet0/5	Access	1
<input type="checkbox"/>	GigabitEthernet0/6	Access	1

Edit

“Add” VLAN ID.



中文 English

Interface Status Show on Overview Save Logout

GE0/1 GE0/2 GE0/3 GE0/4 GE0/5 GE0/6

⚠ Default password set!
Please configure a new password to protect the web interface.
Go to password configuration... Dismiss

Input "2" as ID for VLAN 3, press "apply"

VLAN

No need to select the tagged / untagged members yet.

ID 2

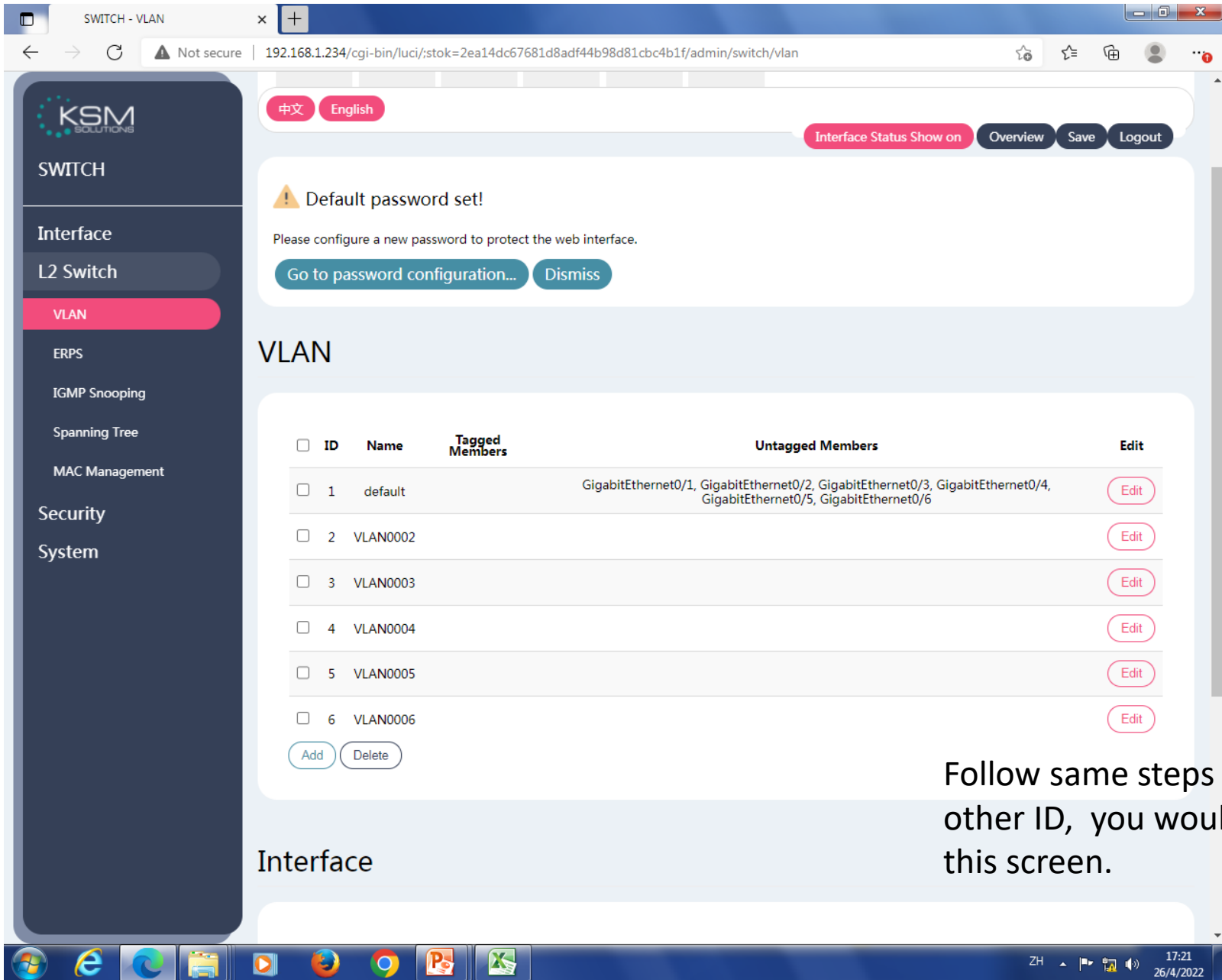
ⓘ Eg. 1-3,5 6 means vlan 1,2,3,5,6

Tagged Members	GigabitEthernet0/1	GigabitEthernet0/2	GigabitEthernet0/3
	GigabitEthernet0/4	GigabitEthernet0/5	GigabitEthernet0/6

Untagged Members	GigabitEthernet0/1	GigabitEthernet0/2	GigabitEthernet0/3
	GigabitEthernet0/4	GigabitEthernet0/5	GigabitEthernet0/6

Back

Apply Reset



⚠ Default password set!
Please configure a new password to protect the web interface.
[Go to password configuration...](#) [Dismiss](#)

VLAN

<input type="checkbox"/>	ID	Name	Tagged Members	Untagged Members	Edit
<input type="checkbox"/>	1	default		GigabitEthernet0/1, GigabitEthernet0/2, GigabitEthernet0/3, GigabitEthernet0/4, GigabitEthernet0/5, GigabitEthernet0/6	Edit
<input type="checkbox"/>	2	VLAN0002			Edit
<input type="checkbox"/>	3	VLAN0003			Edit
<input type="checkbox"/>	4	VLAN0004			Edit
<input type="checkbox"/>	5	VLAN0005			Edit
<input type="checkbox"/>	6	VLAN0006			Edit

[Add](#) [Delete](#)

Interface

Follow same steps to set the other ID, you would obtain this screen.

Proceed to set each port

The screenshot displays the KSM SOLUTIONS SWITCH VLAN configuration interface. The left sidebar contains navigation options: SWITCH, Interface, L2 Switch, VLAN (highlighted), ERPS, IGMP Snooping, Spanning Tree, MAC Management, Security, and System. The main content area shows a list of VLANs (2-6) with checkboxes and 'Edit' buttons. Below this is the 'Interface' table, which lists network interfaces (GigabitEthernet0/1-6) with their Vlan Mode (Access) and PVID (1). The checkbox for GigabitEthernet0/2 is checked, and its 'Edit' button is highlighted in red.

Interface Status Show on Overview Save Logout

<input type="checkbox"/>	2	VLAN0002	Edit
<input type="checkbox"/>	3	VLAN0003	Edit
<input type="checkbox"/>	4	VLAN0004	Edit
<input type="checkbox"/>	5	VLAN0005	Edit
<input type="checkbox"/>	6	VLAN0006	Edit

Add Delete

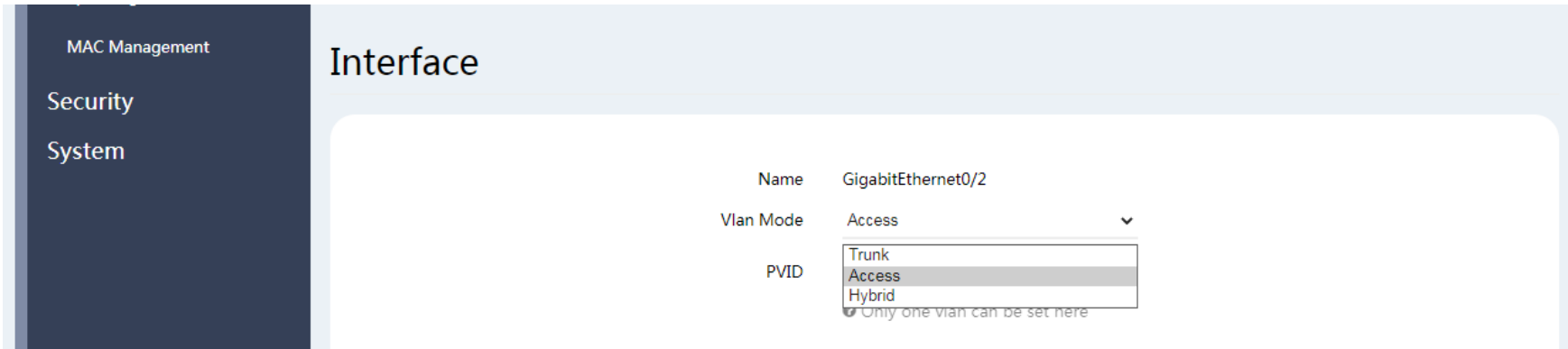
Interface

<input type="checkbox"/>	Name	Vlan Mode	PVID
<input type="checkbox"/>	GigabitEthernet0/1	Access	1
<input checked="" type="checkbox"/>	GigabitEthernet0/2	Access	1
<input type="checkbox"/>	GigabitEthernet0/3	Access	1
<input type="checkbox"/>	GigabitEthernet0/4	Access	1
<input type="checkbox"/>	GigabitEthernet0/5	Access	1
<input type="checkbox"/>	GigabitEthernet0/6	Access	1

Edit

Tick 02 Interface, and "Edit"

Can choose 3 types of VLAN mode



MAC Management

Security

System

Interface

Name GigabitEthernet0/2

Vlan Mode Access

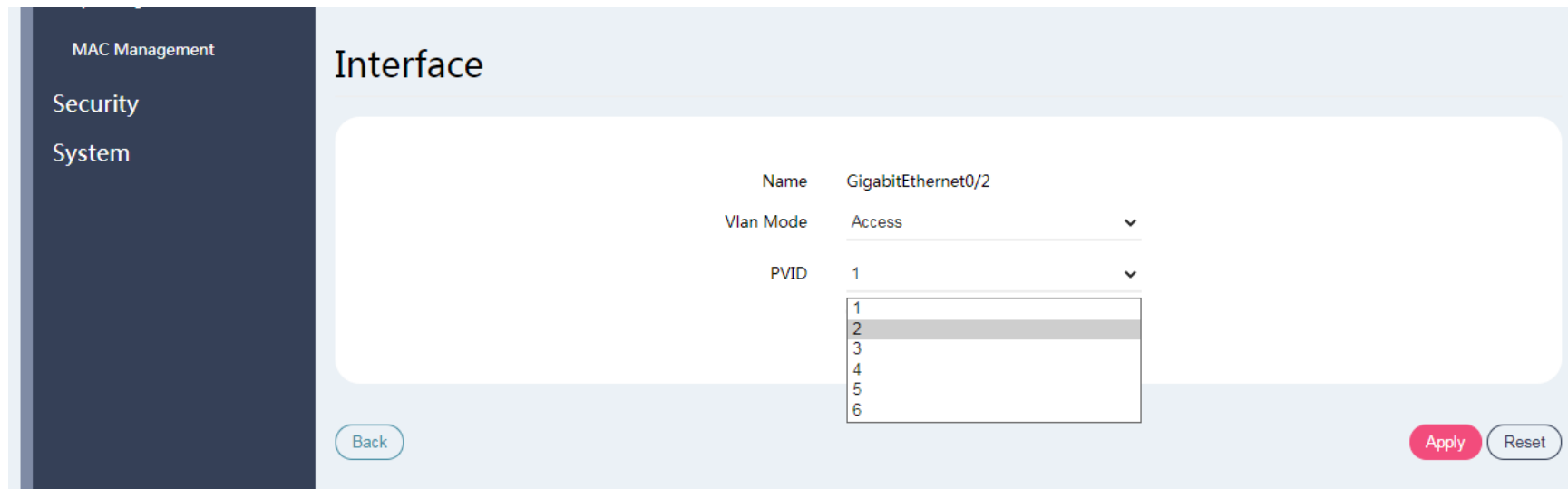
PVID

- Trunk
- Access
- Hybrid

Only one vlan can be set here

Detailed description: This screenshot shows a network configuration page for an interface named 'GigabitEthernet0/2'. The 'Vlan Mode' is set to 'Access'. A dropdown menu is open, showing three options: 'Trunk', 'Access', and 'Hybrid'. The 'Access' option is currently selected. Below the dropdown, there is a checked checkbox with the text 'Only one vlan can be set here'. The left sidebar contains navigation links for 'MAC Management', 'Security', and 'System'.

Can then choose PVID 2 for Interface 2



MAC Management

Security

System

Interface

Name GigabitEthernet0/2

Vlan Mode Access


PVID 1

- 1
- 2
- 3
- 4
- 5
- 6

Back Apply Reset

Detailed description: This screenshot shows the same network configuration page as above, but now the 'PVID' is set to '1'. A dropdown menu is open, showing a list of PVID values from 1 to 6. The value '2' is highlighted. At the bottom of the page, there are three buttons: 'Back', 'Apply', and 'Reset'. The left sidebar remains the same.

Example of VLAN setting



SWITCH

Interface

L2 Switch

VLAN

ERPS

IGMP Snooping

Spanning Tree

MAC Management

Security

System

中文 English

ID Name Tagged Members [Interface Status Show on](#) [Overview](#) [Save](#) [Logout](#)

<input type="checkbox"/>	1	default	GigabitEthernet0/1, GigabitEthernet0/6		Edit
<input type="checkbox"/>	2	VLAN0002	GigabitEthernet0/6	GigabitEthernet0/2	Edit
<input type="checkbox"/>	3	VLAN0003	GigabitEthernet0/6	GigabitEthernet0/3	Edit
<input type="checkbox"/>	4	VLAN0004	GigabitEthernet0/6	GigabitEthernet0/4	Edit
<input type="checkbox"/>	5	VLAN0005	GigabitEthernet0/6	GigabitEthernet0/5	Edit
<input type="checkbox"/>	6	VLAN0006	GigabitEthernet0/6		Edit

[Add](#) [Delete](#)

Interface

<input type="checkbox"/>	Name	Vlan Mode	PVID
<input type="checkbox"/>	GigabitEthernet0/1	Access	1
<input type="checkbox"/>	GigabitEthernet0/2	Access	2
<input type="checkbox"/>	GigabitEthernet0/3	Access	3
<input type="checkbox"/>	GigabitEthernet0/4	Access	4
<input type="checkbox"/>	GigabitEthernet0/5	Access	5
<input type="checkbox"/>	GigabitEthernet0/6	Trunk	1

Backup & Restore Backup

The screenshot shows the KSM SWITCH Configuration File Management interface. The left sidebar contains navigation options: SWITCH, Interface, L2 Switch, Security, System, Management IP Address, User Management, Telnet Server, SNMP, Date and Time, Configuration File Management (highlighted), System Upgrade, Log/Diagnosis, and Reboot. The main content area is titled 'Configuration File Management' and includes a 'Backup / Restore configuration' section. This section has a 'Download backup:' button labeled 'Backup configuration' and a 'Restore backup:' section with a 'Choose File' button, 'No file chosen' text, and an 'Upload configuration...' button. Below this is a 'Reset To Factory Defaults' section with a 'Reset' button. Annotations with blue arrows and text provide instructions: 'After setup the 1st Config, Save the Config by pressing the "Backup configuration."' points to the 'Backup configuration' button; 'When Choose a previous "Backup configuration." file, this can restore (OR COPY) the config over to other switch.' points to the 'Choose File' button; and 'For restore to factory setting' points to the 'Reset' button. A warning message at the top states 'Default password set! Please configure a new password to protect the web interface.' with buttons for 'Go to password configuration...' and 'Dismiss'.

After setup the 1st Config,
Save the Config by pressing the
"Backup configuration."

When Choose a previous
"Backup configuration." file,
this can restore (OR COPY) the
config over to other switch.

For restore to factory setting

KSM SOLUTIONS

SWITCH

Interface

L2 Switch

VLAN

ERPS

IGMP Snooping

Spanning Tree

MAC Management

Security

System

中文 English

Go to password configuration... Dismiss

Interface Status Show on Overview Save Logout

VLAN

<input type="checkbox"/>	ID	Name	Tagged Members	Untagged Members	Edit
<input type="checkbox"/>	1	default		GigabitEthernet0/1, GigabitEthernet0/2, GigabitEthernet0/3, GigabitEthernet0/4, GigabitEthernet0/5, GigabitEthernet0/6	Edit

Add Delete

Interface

<input type="checkbox"/>	Name	Vlan Mode	PVID
<input type="checkbox"/>	GigabitEthernet0/1	Access	1
<input type="checkbox"/>	GigabitEthernet0/2	Access	1
<input type="checkbox"/>	GigabitEthernet0/3	Access	1
<input type="checkbox"/>	GigabitEthernet0/4	Access	1
<input type="checkbox"/>	GigabitEthernet0/5	Access	1
<input type="checkbox"/>	GigabitEthernet0/6	Access	1

Edit