

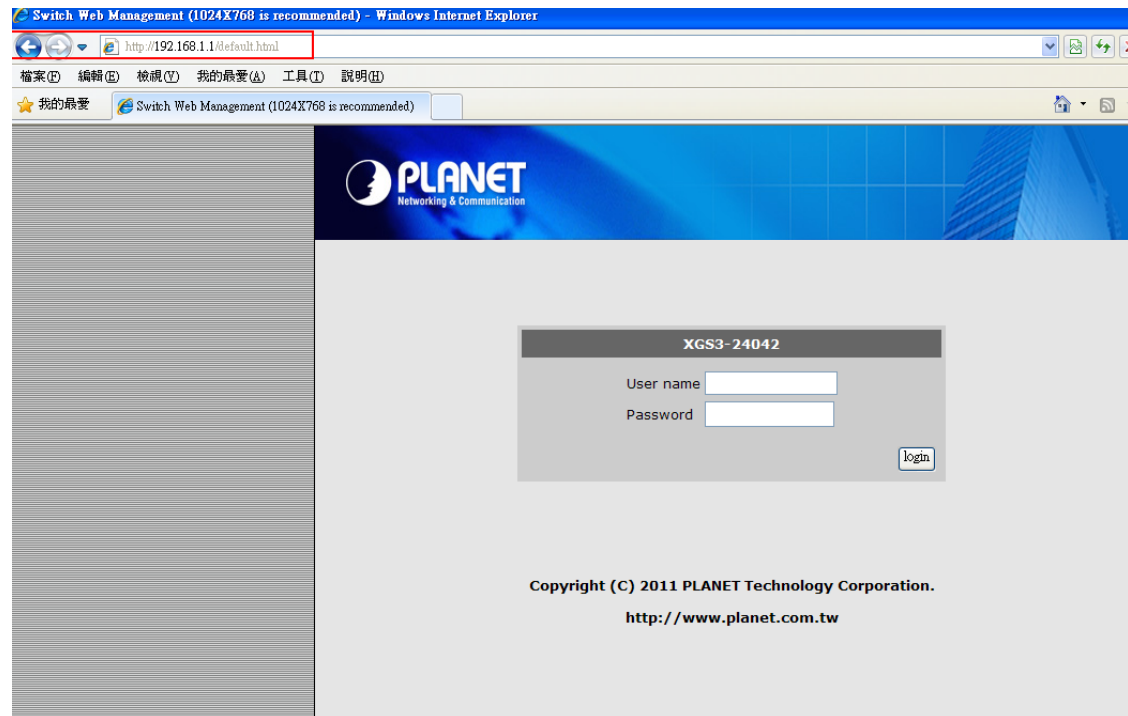
# How to set VLAN and Route on WebUI

1. Due to the switch doesn't has IP address on it, you need to set one IP address for switch from Console and then you can access into the WEBUI.

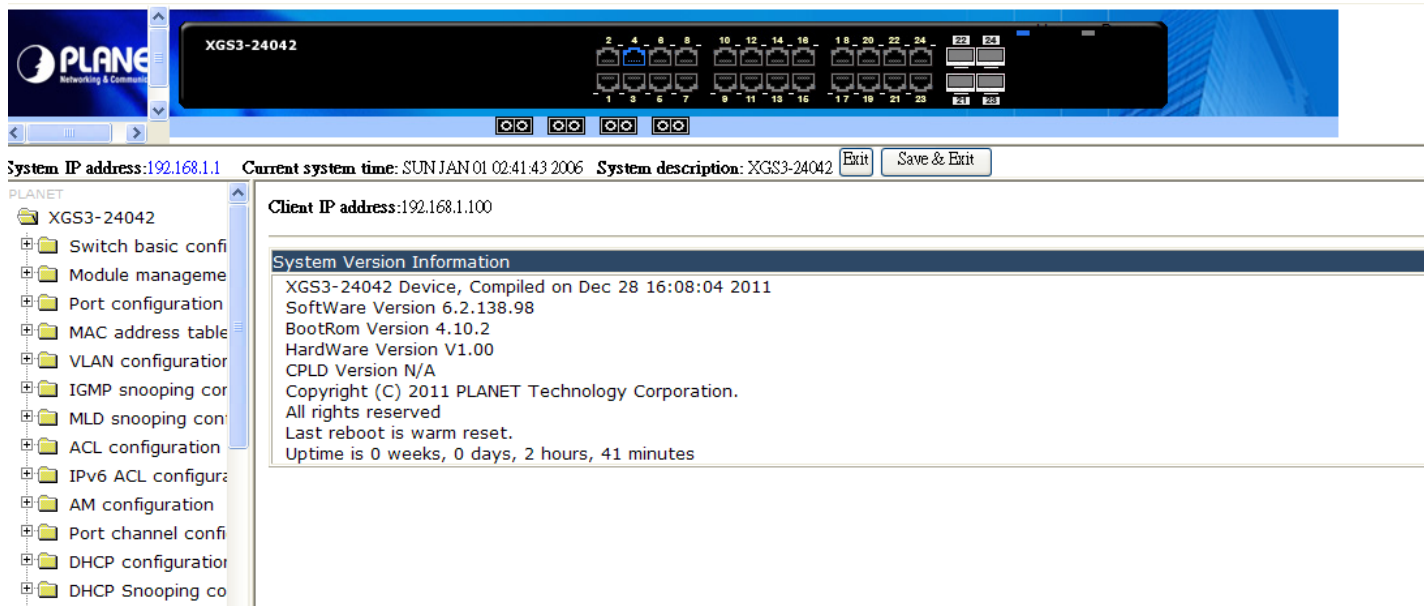
```
Username: admin
Password:
XGS3-24042#enable
XGS3-24042#conf
XGS3-24042 (config)#interface vlan1
XGS3-24042 (config-if-vlan1)#ip address 192.168.1.1 255.255.255.0
XGS3-24042 (config-if-vlan1)#exit
```

Here we give switch IP address as **“192.168.1.1”**.

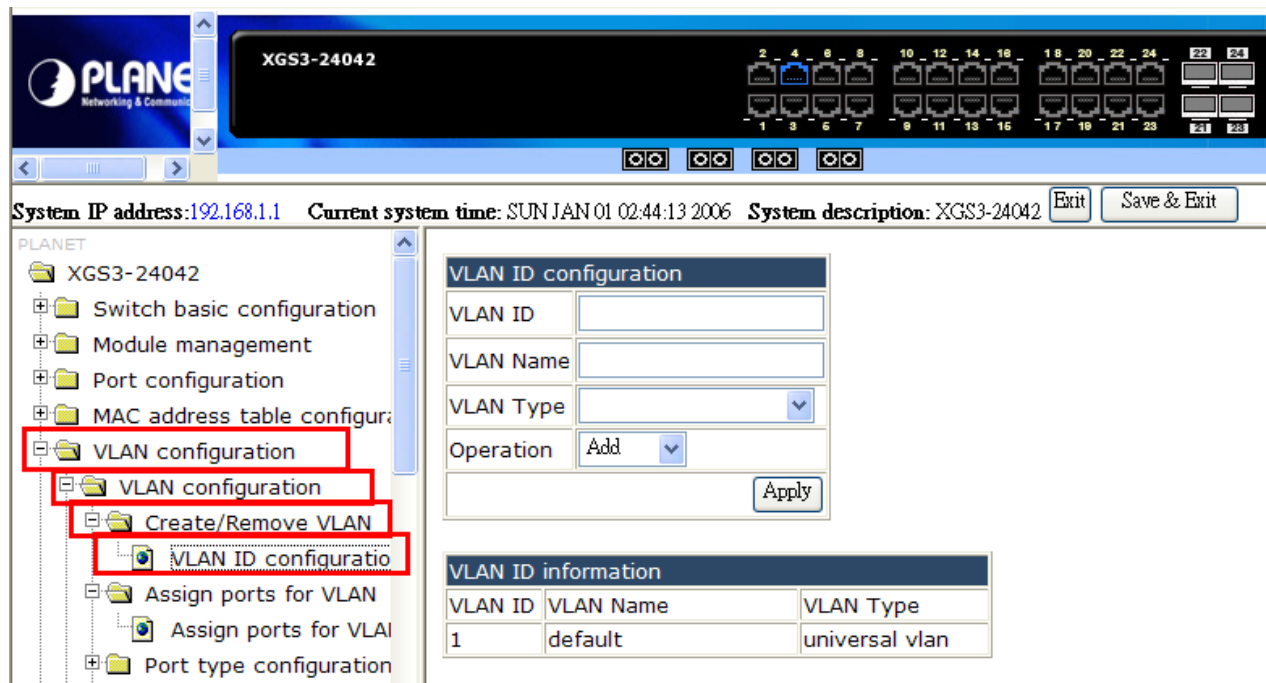
2. Operate the IE browser and type 192.168.1.1 for opening WEBUI:



3. Give User name and Password as “admin” and “admin” for accessing into WEBUI.



4. Where to create VLAN: Please Select VLAN configuration → VLAN configuration → Create/Remove VLAN → VLAN ID configuration



5. Creates VLAN2 and VLAN3: Fill in the VLAN ID Configuration column and press “Apply” button.

The screenshot shows the PLANET XGS3-24042 web interface. At the top, there is a header with the PLANET logo and the device name XGS3-24042. Below the header, there is a system information bar showing the System IP address (192.168.1.1), Current system time (SUN JAN 01 02:49:44 2006), and System description (XGS3-24042). The main interface is divided into a left sidebar and a main content area. The sidebar shows a tree view of the configuration menu, with 'VLAN configuration' expanded to show 'VLAN ID configuration'. The main content area contains a 'VLAN ID configuration' form with the following fields:

- VLAN ID: 2 (with red text: Give one ID NO.)
- VLAN Name: VLAN2 (with red text: Give the name of VLAN)
- VLAN Type: universal vlan (with red text: Select universal vlan)
- Operation: Add (dropdown menu)

An 'Apply' button is located below the form fields. Below the form, there is a 'VLAN ID information' table:

VLAN ID	VLAN Name	VLAN Type
1	default	universal vlan
2	VLAN0002	universal vlan

## 6. Assigns Port 10 to VLAN 2 and Port 20 to VLAN3.

### 6-1 VLAN configuration → VLAN configuration → Assign ports for VLAN → Assign ports for VLAN

System IP address: 192.168.1.1    Current system time: SUN JAN 01 19:33:54 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
  - MAC address table configuration
  - VLAN configuration**
    - VLAN configuration**
      - Create/Remove VLAN
      - Assign ports for VLAN**
        - Assign ports for VLAN**
        - Port type configuration
        - Hybrid port configuration
        - Trunk port configuration
        - Private-vlan configuration
      - GVRP configuration
      - VLAN-translation configuration
      - dynamic vlan configuration

**Assign ports for VLAN**

VLAN ID: 1  
Port: Ethernet1/0/1  
Operation: Add

**Information feedback window**

Universal vlan:					
VLAN Name	Type	Media	Ports		
1	default	Static	ENET	Ethernet1/0/1	Ethernet1/0/2
				Ethernet1/0/3	Ethernet1/0/4
				Ethernet1/0/5	Ethernet1/0/6
				Ethernet1/0/7	Ethernet1/0/8
				Ethernet1/0/9	Ethernet1/0/10

### 6-2 Select VLAN ID to 2, Select Port to Ethernet 1/0/10 and Press Apply button

System IP address: 192.168.1.1    Current system time: SUN JAN 01 19:37:54 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
  - MAC address table configuration
  - VLAN configuration
    - VLAN configuration
      - Create/Remove VLAN

**Assign ports for VLAN**

VLAN ID: 2  
Port: Ethernet1/0/10  
Operation: Add

### 6-3 Select VLAN ID to 3, Select Port to Ethernet 1/0/20 and Press Apply button

System IP address: 192.168.1.1    Current system time: SUN JAN 01 19:39:54 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
  - MAC address table configuration
  - VLAN configuration
    - VLAN configuration
      - Create/Remove VLAN
      - Assign ports for VLAN

Assign ports for VLAN

VLAN ID	3
Port	Ethernet1/0/20
Operation	Add
<input type="button" value="Apply"/>	

### 6-4 Checks the Information Feedback Window, Port 10 is assigning to VLAN2 and Port 20 to VLAN3

Information feedback window

Set the port Ethernet1/0/20 access vlan 3 successfully

Universal vlan:

VLAN Name	Type	Media	Ports
1	default	Static	ENET
			Ethernet1/0/1    Ethernet1/0/2
			Ethernet1/0/3    Ethernet1/0/4
			Ethernet1/0/5    Ethernet1/0/6
			Ethernet1/0/7    Ethernet1/0/8
			Ethernet1/0/9    Ethernet1/0/11
			Ethernet1/0/12    Ethernet1/0/13
			Ethernet1/0/14    Ethernet1/0/15
			Ethernet1/0/16    Ethernet1/0/17
			Ethernet1/0/18    Ethernet1/0/19
			Ethernet1/0/21    Ethernet1/0/22
			Ethernet1/0/23    Ethernet1/0/24
			Ethernet1/0/25    Ethernet1/0/26
			Ethernet1/0/27    Ethernet1/0/28
2	VLAN0002	Static	ENET    Ethernet1/0/10
3	VLAN0003	Static	ENET    Ethernet1/0/20

Private vlan:

VLAN Name	Type	Asso VLAN	Ports
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## 7. Gives VLAN2 and VLAN3 Layer3 IP Address

7-1 Port configuration → VLAN interface configuration → Add interface VLAN, Add VLAN2 and VLAN3 to be Layer 3 interface

System IP address:192.168.1.1 Current system time: SUN JAN 01 00:30:12 2006 System description: XGS3-24042 Exit Save

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
    - Ethernet port configuration
    - VLAN interface configuration
      - Add interface VLAN
      - L3 interface IP address mode configuration
    - SPAN configuration
    - Loopback-detection configuration
    - Isolate-port configuration

Add interface VLAN

VLAN ID: 1  
Operation: Add

Apply

Vlan ID	State
Vlan1	Layer 3 interface
Vlan2	Non layer 3 interface
Vlan3	Non layer 3 interface
Vlan1006	Non layer 3 interface

7-2 Select VLAN ID to 2 and Press **Apply** button

System IP address:192.168.1.1 Current system time: SUN JAN 01 00:33:12 2006 System description: XGS3-24042 Exit Save & Exit

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
    - Ethernet port configuration
    - VLAN interface configuration
      - Add interface VLAN
      - L3 interface IP address mode configuration
    - SPAN configuration
    - Loopback-detection configuration

Add interface VLAN

VLAN ID: 2  
Operation: Add

Apply

Vlan ID	State
Vlan1	Layer 3 interface
Vlan2	Layer 3 interface
Vlan3	Non layer 3 interface
Vlan1006	Non layer 3 interface

### 7-3 Select VLAN ID to 3 and Press Apply button

System IP address: 192.168.1.1    Current system time: SUN JAN 01 00:34:42 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
    - Ethernet port configuration
    - VLAN interface configuration
      - Add interface VLAN
      - L3 interface IP address mode configuration
    - SPAN configuration
    - Loopback-detection configuration
    - Isolate-port configuration

**Add interface VLAN**

VLAN ID: 3

Operation: Add

Vlan ID	State
Vlan1	Layer 3 interface
Vlan2	Layer 3 interface
Vlan3	Layer 3 interface
Vlan1006	Non layer 3 interface

### 7-4 Port configuration → VLAN interface configuration → L3 interface IP address mode configuration, Add IP address for VLAN2 and VLAN3

System IP address: 192.168.1.1    Current system time: SUN JAN 01 01:04:15 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
    - Ethernet port configuration
    - VLAN interface configuration
      - Add interface VLAN
      - L3 interface IP address mode configuration
    - SPAN configuration
    - Loopback-detection configuration

**L3 interface IP address mode configuration**

VLAN interface: Vlan1

IP mode: Specify IP address

Interface IP address:

Interface network mask:

Operation: Add

VLAN interface	IP mode	Interface IP address	Interface network mask
Vlan1	Specify IP address	192.168.1.1	255.255.255.0

### 7-5 Select VLAN interface to **Vlan2**

Interface IP address → **192.168.0.1**

Interface network mask → **255.255.255.0**

Press **Apply** button

System IP address:192.168.1.1    Current system time: SUN JAN 01 01:18:16 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
    - Ethernet port configuration
    - VLAN interface configuration
      - Add interface VLAN
      - L3 interface IP address mode configuration
    - SPAN configuration

**L3 interface IP address mode configuration**

VLAN interface	Vlan2
IP mode	Specify IP address
Interface IP address	192.168.0.1
Interface network mask	255.255.255.0
Operation	Add

VLAN interface	IP mode	Interface IP address	Interface network mask
Vlan1	Specify IP address	192.168.1.1	255.255.255.0
Vlan2	Specify IP address	192.168.0.1	255.255.255.0
Vlan3	Specify IP address	No designate	No designate

### 7-6 Select VLAN interface to **Vlan3**

Interface IP address → **198.165.1.1**

Interface network mask → **255.255.255.0**

Press **Apply** button

System IP address:192.168.1.1    Current system time: SUN JAN 01 01:22:46 2006    System description: XGS3-24042       

PLANET

- XGS3-24042
  - Switch basic configuration
  - Module management
  - Port configuration
    - Ethernet port configuration
    - VLAN interface configuration
      - Add interface VLAN
      - L3 interface IP address mode configuration
    - SPAN configuration

**L3 interface IP address mode configuration**

VLAN interface	Vlan3
IP mode	Specify IP address
Interface IP address	198.168.1.1
Interface network mask	255.255.255.0
Operation	Add

VLAN interface	IP mode	Interface IP address	Interface network mask
Vlan1	Specify IP address	192.168.1.1	255.255.255.0
Vlan2	Specify IP address	192.168.0.1	255.255.255.0
Vlan3	Specify IP address	198.168.1.1	255.255.255.0



## 8. Set Router between VLAN1 , VLAN2 and VLAN3, “Route configuration → Static route configuration → Static route configuration”

System IP address:192.168.1.1 Current system time: SUN JAN 01 01:32:47 2006 System description: XGS3-24042

The screenshot shows a tree view on the left with the following items: SNTP configuration, NTP configuration, QoS configuration, L3 forward configuration, Route configuration (highlighted with a red box), Policy based routing, Static route configuration (highlighted with a red box), Static route configuration (highlighted with a red box), Static VPN route, RIP configuration, and OSPF configuration. The main panel on the right is titled "Static IP route configuration" and contains the following fields: Destination IP address, Network mask or prefix-length, Nexthop or Interface null0, preference(optional), and Operation type (set to "Add"). An "Apply" button is at the bottom right.

8-1 Makes VLAN2 segment C (192.168.0.1 ~ 192.168.0.254) routes to VLAN3

Destination IP address → 192.168.0.0 (Segment C)

Network mask or prefix-length → 255.255.255.0

Nexthop or Interface null0 → 198.165.1.1 (VLAN3 IP address)

Press **Apply** button

System IP address:192.168.1.1 Current system time: SUN JAN 01 01:30:47 2006 System description: XGS3-24042

The screenshot shows the same tree view as the previous image. The main panel on the right is titled "Static IP route configuration" and contains the following fields: Destination IP address (192.168.0.0), Network mask or prefix-length (255.255.255.0), Nexthop or Interface null0 (198.165.1.1), preference(optional), and Operation type (set to "Add"). The "Apply" button is highlighted with a red box and a red checkmark.

### 8-2 Makes VLAN3 segment C (198.165.1.1 ~ 198.165.1.254) routes to VLAN2

Destination IP address → **198.165.1.0 (Segment C)**

Network mask or prefix-length → **255.255.255.0**

Nextthop or Interface null0 → **192.168.0.1 (VLAN2 IP address)**

Press **Apply** button

System IP address:192.168.1.1 Current system time: SUN JAN 01 02:11:20 2006 System description: XGS3-24042

- SNTP configuration
- NTP configuration
- QoS configuration
- L3 forward configuration
- Route configuration
  - Policy based routing
  - Static route configuration
    - Static route configuration**
    - Static VPN route
  - RIP configuration

Static IP route configuration	
Destination IP address	198.165.1.0
Network mask or prefix-length	255.255.255.0
Nextthop or Interface null0	192.168.0.1
preference(optional)	
Operation type	Add
<input type="button" value="Apply"/>	

### 8-3 Makes VLAN2 segment C (192.168.0.1 ~ 192.168.0.254) routes to VLAN1

Destination IP address → **192.168.0.0 (Segment C)**

Network mask or prefix-length → **255.255.255.0**

Nextthop or Interface null0 → **192.168.1.1 (VLAN1 IP address)**

Press **Apply** button

System IP address:192.168.1.1 Current system time: SUN JAN 01 02:15:20 2006 System description: XGS3-24042

- SNTP configuration
- NTP configuration
- QoS configuration
- L3 forward configuration
- Route configuration
  - Policy based routing
  - Static route configuration
    - Static route configuration**
    - Static VPN route

Static IP route configuration	
Destination IP address	192.168.0.0
Network mask or prefix-length	255.255.255.0
Nextthop or Interface null0	192.168.1.1
preference(optional)	
Operation type	Add
<input type="button" value="Apply"/>	

#### 8-4 Makes VLAN3 segment C (198.165.1.1 ~ 198.165.1.254) routes to VLAN1

Destination IP address → **198.165.1.0 (Segment C)**

Network mask or prefix-length → **255.255.255.0**

Nexthop or Interface null0 → **192.168.1.1 (VLAN1 IP address)**

Press **Apply** button

System IP address:192.168.1.1 Current system time: SUN JAN 01 02:17:51 2006 System description: XGS3-24042

- SNTP configuration
- NTP configuration
- QoS configuration
- L3 forward configuration
- Route configuration
  - Policy based routing
  - Static route configuration
    - Static route configuration
    - Static VPN route
  - RIP configuration

#### Static IP route configuration

Destination IP address	198.165.1.0
Network mask or prefix-length	255.255.255.0
Nexthop or Interface null0	192.168.1.1
preference(optional)	
Operation type	Add <input type="button" value="v"/>