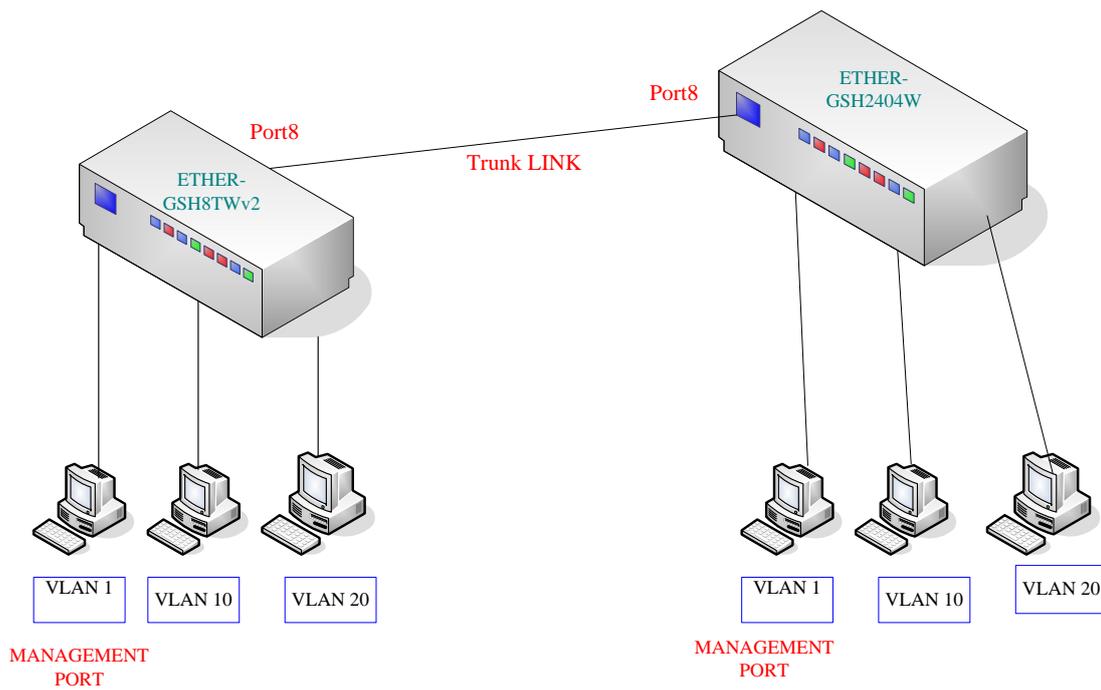


The network Diagram



Ether-GSH8TW

Manage IP is 192.168.1.100

Port 1 is VLAN 1.

Port 3,4 is VLAN 10.

Port 5,6 is VLAN 20 .

Port 8 is Trunk port.

Ether-GSH2404w

Management IP 192.168.10.1

Port 1 is VLAN 1.

Port 3,4 is VLAN 10.

Port 5,6 is VLAN 20 .

Port 8 is Trunk port.

On Ether-GSH8TW's Setting

1. You set one port or more ports is Management VLAN ID Group to set up and manage the switch.
2. [Port-based VLAN \(User Group\) Configuration](#)

Port-based VLAN (User Group) Configuration

| Port-based VLAN Group (User Group) Table | | | | | | | | | |
|--|----------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| No. | Group ID | Member Port | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 1 | <input checked="" type="checkbox"/> |

| Add/Edit a VLAN (User) Group | | | | | | | | |
|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Group ID | Member Port | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | <input checked="" type="checkbox"/> |

All ports are at same group.

3. Tag-based (802.1q) VLAN Configuration

Tag-based (802.1q) VLAN Configuration

| Tag-based (802.1q) VLAN Group Table | | | | | | | | | | |
|-------------------------------------|-----|---------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Select | No. | VLAN ID | Member Port | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| <input type="radio"/> | 1 | 1 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="radio"/> | 2 | 10 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="radio"/> | 3 | 20 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Add/Edit a VLAN Group | | | | | | | | |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| VLAN ID (1-4094) | Member Port | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| <input type="text"/> | <input type="checkbox"/> |

Create VLAN 10 is port 3,4 and the VLAN 20 is port 5,6, and every VLAN must add the trunk port in this example trunk port is port 8.

4.Tag VLAN Per Port Configuration

Tag VLAN Per Port Configuration

| Port | VLAN aware Enabled | Ingress Filtering Enabled | Acceptable Packet Type | Port VID | Egress Tagging Enabled |
|------|-------------------------------------|---------------------------|--|----------|-------------------------------------|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 1 | <input type="checkbox"/> |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 1 | <input type="checkbox"/> |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 10 | <input type="checkbox"/> |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 10 | <input type="checkbox"/> |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 20 | <input type="checkbox"/> |
| 6 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 20 | <input type="checkbox"/> |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | None | <input type="checkbox"/> |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="radio"/> All <input type="radio"/> Tagged Only | 20 | <input checked="" type="checkbox"/> |

2

4.1

Pull-down this item to choose the port's VLAN ID.

4.2

Make this port which can be carried the traffic of multiple VLAN over a single link.

On Ether-GSH2404w

1. You set one port or more ports is Management VLAN ID Group to set up and manage the switch..

2. [Vlan Setting ->802.1Q Vlan configuration](#)

| | | 802.1Q Vlan Configuration | | | | | | | | | | Vlan Port Setting | | | |
|---------------|----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
| | | | | | | | | | | | | Vlan Setting | | | |
| | | | | | | | | | | | | Current Page: 1 Total Page:26 | | | |
| Vlan Entry No | Vlan ID/VID (1~4094) | Port1 | Port2 | Port3 | Port4 | Port5 | Port6 | Port7 | Port8 | Port9 | Port10 | Port11 | Port12 | Port13 | Port14 |
| 1 | VID 1 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | VID 10 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | VID 20 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | VID | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Create VLAN 10 is port 3,4 and the VLAN 20 is port 5,6, and every VLAN must add the trunk port in this example trunk port is port 8.

3.Vlan Port Setting

802.1Q Vlan Configuration

Vlan Port Setting

Vlan Port Setting

| Port | PVID(1~4094) | Awareness | Frame Type |
|------|---------------------------------|-----------|------------|
| 1 | <input type="text" value="1"/> | Disable ▾ | All ▾ |
| 2 | <input type="text" value="1"/> | Disable ▾ | All ▾ |
| 3 | <input type="text" value="10"/> | Disable ▾ | All ▾ |
| 4 | <input type="text" value="10"/> | Disable ▾ | All ▾ |
| 5 | <input type="text" value="20"/> | Disable ▾ | All ▾ |
| 6 | <input type="text" value="20"/> | Disable ▾ | All ▾ |
| 7 | <input type="text" value="1"/> | Disable ▾ | All ▾ |
| 8 | <input type="text" value="1"/> | Enable ▾ | All ▾ |

3.1

Pull-down PVID to choose the port's VLAN ID.

3.2

Enable Awareness to make this port which can be carried the traffic of multiple VLAN over a single link