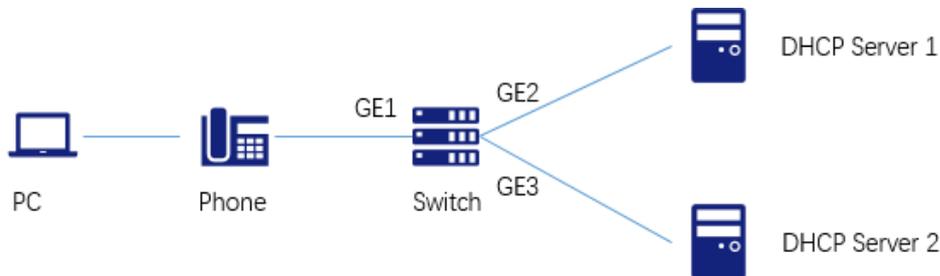


Voice-VLAN Manual

Topology



Constraint Condition

When using the voice VLAN in this scenario, the voice VLAN of the IP phone is delivered through the DHCP server. You need to configure option 184 on the DHCP server of the data to specify the ID of the voice VLAN. Otherwise, the IP phone cannot get the address correctly, and can only get the same IP address as the PC.

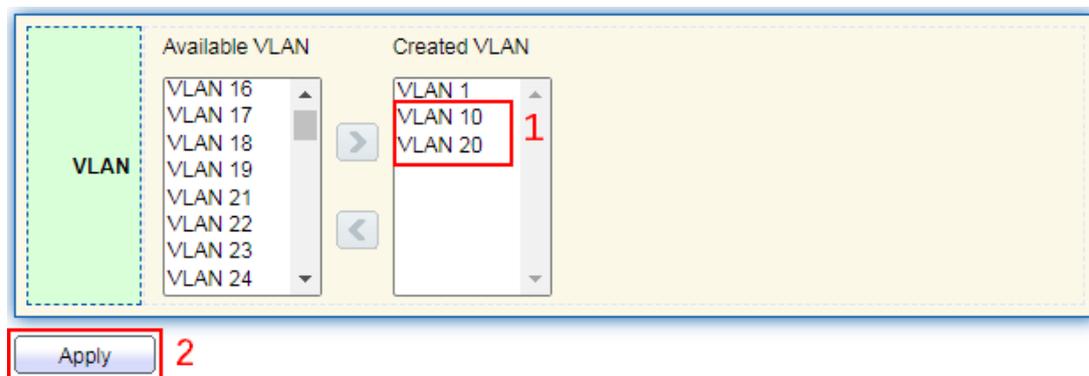
Configuration

1. Data sheet

Services	VLAN
Voice	20
Data	10
User Port	GE1
DHCP Server 1	GE2
DHCP Server 2	GE3

2. VLAN Setting

2.1 Click the “VLAN > VLAN > Create VLAN” in the navigation bar as follows



2.2 Click the “VLAN > VLAN > Port Setting”, in the navigation bar as follows

Select GE1 set PVID to Hybrid VLAN 10

<input type="checkbox"/>	Entry	Port	Mode	PVID	Accept Frame Type	Ingress Filtering	Uplink	TPID
<input checked="" type="checkbox"/>	1	GE1	Trunk	1	All	Enabled	Disabled	0x8100
<input type="checkbox"/>	2	GE2	Trunk	1	All	Enabled	Disabled	0x8100

Edit Port Setting

Port: GE1

Mode: Hybrid **1**
 Access
 Trunk
 Tunnel

PVID: (1 - 4094) **2**

Accept Frame Type: All
 Tag Only
 Untag Only

Ingress Filtering: Enable

Uplink: Enable

TPID: 0x8100

3

Select GE2 set PVID to Access VLAN 10

<input type="checkbox"/>	Entry	Port	Mode	PVID	Accept Frame Type	Ingress Filtering	Uplink	TPID
<input type="checkbox"/>	1	GE1	Hybrid	10	All	Enabled	Disabled	0x8100
<input checked="" type="checkbox"/>	2	GE2	Trunk	1	All	Enabled	Disabled	0x8100
<input type="checkbox"/>	3	GE3	Trunk	1	All	Enabled	Disabled	0x8100

Edit Port Setting

Port: GE2

Mode: Access **1**
 Hybrid
 Trunk
 Tunnel

PVID: (1 - 4094) **2**

Accept Frame Type: All
 Tag Only
 Untag Only

Ingress Filtering: Enable

Uplink: Enable

TPID: 0x8100

3

Select GE3 set PVID to Access VLAN 20

<input type="checkbox"/>	Entry	Port	Mode	PVID	Accept Frame Type	Ingress Filtering	Uplink	TPID
<input type="checkbox"/>	1	GE1	Hybrid	10	All	Enabled	Disabled	0x8100
<input type="checkbox"/>	2	GE2	Access	10	Untag Only	Enabled	Disabled	0x8100
<input checked="" type="checkbox"/>	3	GE3	Trunk	1	All	Enabled	Disabled	0x8100
<input type="checkbox"/>	4	GE4	Trunk	1	All	Enabled	Disabled	0x8100

Edit Port Setting

Port: GE3

Mode: Access 1

PVID: (1 - 4094) 2

Accept Frame Type: All

Ingress Filtering: Enable

Uplink: Enable

TPID: 0x8100

Apply 3

2.3 Click the “VLAN > VLAN > VLAN Configuration” in the navigation bar as follows

VLAN Configuration Table

VLAN VLAN0010 1

3, Apply at the bottom

Entry	Port	Mode	Membership 2			PVID	Forbidden
1	GE1	Hybrid	<input type="radio"/> Excluded	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	GE2	Access	<input type="radio"/> Excluded	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	GE3	Access	<input type="radio"/> Excluded	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>	<input type="checkbox"/>

VLAN VLAN0020 4

6, Apply at the bottom

Entry	Port	Mode	5 Membership			PVID	Forbidden
1	GE1	Hybrid	<input type="radio"/> Excluded	<input checked="" type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>	<input type="checkbox"/>
2	GE2	Access	<input checked="" type="radio"/> Excluded	<input type="radio"/> Tagged	<input type="radio"/> Untagged	<input type="checkbox"/>	<input type="checkbox"/>
3	GE3	Access	<input type="radio"/> Excluded	<input type="radio"/> Tagged	<input checked="" type="radio"/> Untagged	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Voice VLAN Setting

3.1 Click the “VLAN > Voice VLAN > Property” in the navigation bar as follows

Apply 2

<input type="checkbox"/>	Entry	Port	State	Mode	QoS Policy
<input checked="" type="checkbox"/>	1	GE1	Disabled	Auto	Voice Packet
<input type="checkbox"/>	2	GE2	Disabled	Auto	Voice Packet

3. Select port GE1 and click "Edit"

Edit Port Setting

Apply **Close**

6

3.2 Click the “VLAN > Voice VLAN > Property” in the navigation bar as follows

Voice OUI Table

Showing **All** entries Showing 0 to 0 of 0 entries

<input type="checkbox"/>	OUI	Description
0 results found.		

Add Edit Delete First Previous **1** Next Last

Add Voice OUI

Apply **Close**

3

4. Check the services