

Voice VLAN MES23xx/33xx/35xx/5324

Voice VLAN VoIP- VLAN. VoIP- QoS- . , VoIP-, OUI (Organizationally Unique Identifier – 24 MAC-) .

2:

1) Voice VLAN

) OUI :

Voice VLAN - OUI Voice VLAN. , Voice VLAN – VLAN tagged.
Voice VLAN , trunk general.

voice vlan OUI

```
console(config)# voice vlan oui-table add 002618
console(config)# voice vlan id 10
console(config)# voice vlan state oui-enabled
```

```
console(config)# !
```

```
console(config)# interface gigabitethernet 1/0/10
console(config-if)# switchport mode general
console(config-if)# voice vlan enable
console(config-if)# exit
```

):

```
console(config)# interface gigabitethernet 1/0/10
console(config-if)# switchport mode general
console(config-if)# switchport general allowed vlan add 10 tagged
```

VLAN 10 .

2) Voice VLAN

) lldp-med

ID Voice VLAN VoIP lldp-med . Voice VLAN VoIP-.

lldp-med voice vlan

```
console(config)# no lldp med network-policy voice auto
console(config)# lldp med network-policy 1 voice vlan 10 vlan-type tagged up 4
```

lldp-med , voice vlan

```
console(config)# interface gigabitethernet 1/0/10
console(config-if)# switchport mode general
console(config-if)# lldp med enable network-policy
console(config-if)# lldp med network-policy add 1
console(config-if)# switchport general allowed vlan add 20 untagged
console(config-if)# switchport general pvid 20
```

```
console(config-if)# voice vlan enable
console(config-if)# exit
```

VLAN 10 , VLAN 20 DATA-.

voice vlan **show voice vlan GigabitEthernet1/0/10**

```
console# sh voice vlan type oui GigabitEthernet1/0/10
Aging timeout: 1440 minutes
CoS: 7
Remark: No
```

OUI table

MAC Address - Prefix Description

00:26:18 PC

Interface Enabled Secure Activated COS Mode

gi1/0/12 Yes No Yes src

Voice VLAN , :

console(config)# **lldp med network-policy 1 voice vlan 10 vlan-type tagged up 4**

console(config)# **lldp med network-policy 2 voice vlan 11 vlan-type tagged up 4**

console(config)# **interface gigabitethernet1/0/1**

console(config-if)# **switchport mode general**

console(config-if)# **switchport general allowed vlan add 10 tagged**

console(config-if)# **lldp med enable network-policy**

console(config-if)# **lldp med network-policy add 1**

console(config)# **interface gigabitethernet1/0/2**

console(config-if)# **switchport mode general**

console(config-if)# **switchport general allowed vlan add 11 tagged**

console(config-if)# **lldp med enable network-policy**

console(config-if)# **lldp med network-policy add 2**

LLDP VLAN . VLAN .

) Voice VLAN DHCP

DHCP- 132 (VLAN ID), VLAN (Voice VLAN).

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1 Voice VLAN.

VoIP- , vlan map mac. VLAN 10 , VLAN 20 DATA-.

map mac, mac address :

vlan database

vlan 10,20

map mac aa:bb:cc:dd:00:00 32 macs-group 1

exit

:

interface gigabitethernet 1/0/10

switchport mode general

switchport general allowed vlan add 10,20 untagged

switchport general map macs-group 1 vlan 10

switchport general pvid 20

exit