

并级局向的典型配置

一、组网需求:

XE语音服务器采用集中式组网, LS域1内的语音服务器gkserver01和LS域2内的语音服务器gkserver02互为局向设备, 进行H.323呼叫。

二、组网图:

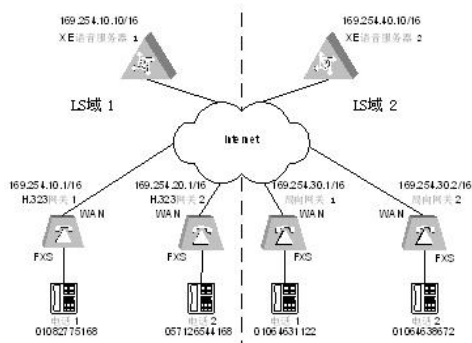


图1-1 并级局向设备应用组网图

三、配置步骤:

1. 配置语音网关1

```
# 配置以太网接口
[VG1]interface ethernet 0
[VG1-Ethernet0]ip address 169.254.10.1 255.255.0.0
# 配置GK-Client
[VG1-voice]gk-client
[VG1-voice-gk]gw-id gw01
[VG1-voice-gk]gw-address ip 169.254.10.1
[VG1-voice-gk]gk-id gkserver01 gk-addr 169.254.10.10 1719
[VG1-voice-gk]ras-on
# 配置语音实体
[VG1]voice
[VG1-voice]dial-program
[VG1-voice-dial]entity 0571 voip
[VG1-voice-dial-entity571]address ras
[VG1-voice-dial-entity571]match-template 057126544168
[VG1-voice-dial-entity571]quit
[VG1-voice-dial]entity 010 pots
[VG1-voice-dial-entity10]line 0
[VG1-voice-dial-entity10]match-template 01082775168
[VG1-voice-dial-entity10]return
```

2. 配置语音网关2

```
# 配置以太网接口
[VG2]interface ethernet 0
[VG2-Ethernet0]ip address 169.254.20.1 255.255.0.0
# 配置GK-Client
[VG2-voice]gk-client
[VG2-voice-gk]gw-id gw02
[VG2-voice-gk]gw-address ip 169.254.20.1
[VG2-voice-gk]gk-id gkserver01 gk-addr 169.254.10.10
[VG2-voice-gk]ras-on
# 配置语音实体
[VG2]voice
[VG2-voice]dial-program
[VG2-voice-dial]entity 010 voip
[VG2-voice-dial-entity10]address ras
[VG2-voice-dial-entity10]match-template 01082775168
[VG2-voice-dial]entity 0571 pots
[VG2-voice-dial-entity571]line 0
[VG2-voice-dial-entity571]match-template 057126544168
```

```
[VG2-voice-dial-entity571]return
```

3. 配置域1内的XE语音服务器

```
# 配置以太网接口
[XE]interface ethernet 0/0
[XE-Ethernet0/0]ip address 169.254.10.10 255.255.0.0
# 配置网守
[XE]process-server
[XE-ps]ps-config gkserver01 interface Ethernet 0/0
[XE-ps]start
[XE-ps]gate-keeper
[XE-ps-gk]start
# 配置位置服务器
[XE]location-server
[XE-ls]ls-config interface Ethernet 0/0
[XE-ls]start
[XE-ls]process-server gkserver01
[XE-ls]gate-way gw01
[XE-ls-gw-gw01]device-type h323
[XE-ls-gw-gw01]dynamic-ip enable
[XE-ls-gw-gw01]quit
[XE-ls]gate-way gw02
[XE-ls-gw-gw02]device-type h323
[XE-ls-gw-gw02]dynamic-ip enable
# 配置局向设备
[XE-ls] office-group 1 // office-group的名称必须和对端设备上的一致
[XE-ls-og-1] office gk
[XE-ls-office-gk] device-type h323-gk
[XE-ls-office-gk] ip-address 169.254.40.10
[XE-ls-office-gk] port 1719
[XE-ls-office-gk] prefix 0571
```

4. 配置域2内的XE语音服务器

```
# 配置以太网接口
[XE]interface ethernet 0/0
[XE-Ethernet0/0]ip address 169.254.40.10 255.255.0.0
# 配置网守
[XE]process-server
[XE-ps]ps-config gkserver02 interface Ethernet 0/0
[XE-ps]start
[XE-ps]gate-keeper
[XE-ps-gk]start
# 配置位置服务器
[XE]location-server
[XE-ls]ls-config interface Ethernet 0/0
[XE-ls]start
[XE-ls]process-server gkserver02
[XE-ls]gate-way gw03
[XE-ls-gw-gw03]device-type h323
[XE-ls-gw-gw03]dynamic-ip enable
[XE-ls-gw-gw03]quit
[XE-ls]gate-way gw04
[XE-ls-gw-gw04]device-type h323
[XE-ls-gw-gw04]dynamic-ip enable
# 配置局向设备
[XE-ls] office-group 1 // office-group的名称必须和对端设备上的一致
[XE-ls-og-1] office gk
[XE-ls-office-gk] device-type h323-gk
[XE-ls-office-gk] ip-address 169.254.10.10
[XE-ls-office-gk] port 1719
[XE-ls-office-gk] prefix 010
```

四、配置关键点：

配置局向设备office的名称对应局向设备的process-server名称。除了配置局向设备地址和局向设备类型（一般为h323-gk），另外必须要配置port（用来确定设备类型）和prefix（号码路由，一般为GK管理的域内的号码前缀）。局向设备之间交互呼叫路由信息采用LRQ信令。

