

### XE200/2000 H.323呼叫功能(分布式)的配置

#### 一、组网需求:

两台H.323语音网关通过H.323网守与位置服务器相连, 进行H.323呼叫。两台XE200语音服务器采用分布式组网。

#### 二、组网图:

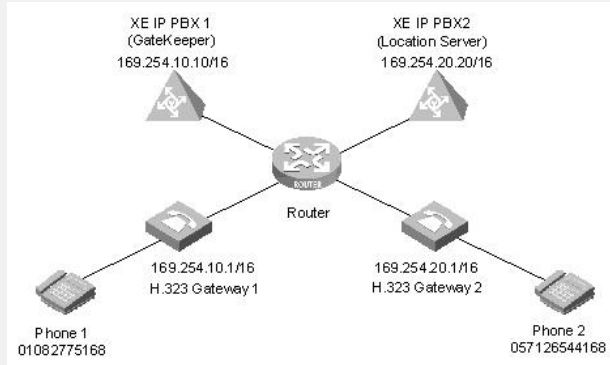


图1-1 H.323网守与位置服务器分布式组网图

#### 三、配置步骤:

& 说明:

假设H.323 Gateway 1、H.323 Gateway 2、XE IP PBX 1(GateKeeper)以及XE IP PBX 2(Location Server)位置服务器之间的路由可达, 本例中省略了关于路由方面的配置, 请用户根据自己的网络环境进行配置。

##### 1. 配置H.323 Gateway 1

# 配置以太网接口

```
[VG1] interface ethernet 0
[VG1-Ethernet0] ip address 169.254.10.1 255.255.0.0
[VG1-Ethernet0] quit
```

# 配置语音实体

```
[VG1] voice-setup
[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
```

# 配置GK-Client

```
[VG1] voice-setup
[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 gkserver gk-addr 169.254.10.10 1719
[VG1-voice-gk] ras-on
```

##### 2. 配置H.323 Gateway 2

# 配置以太网接口

```
[VG2] interface ethernet 0
[VG2-Ethernet0] ip address 169.254.20.1 255.255.0.0
[VG2-Ethernet0] quit
```

# 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
# 配置GK-Client
[VG2] voice-setup
[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 gkserver gk-addr 169.254.10.10
[VG2-voice-gk] ras-on

```

### 3. 配置H.323网守

```

# 配置以太网接口
[XE1] interface ethernet 0/0
[XE1-Ethernet0/0] ip address 169.254.10.10 255.255.0.0
[XE1-Ethernet0/0] quit
# 配置网守
[XE1] process-server
[XE1-ps] ps-config gkserver interface Ethernet 0/0
[XE1-ps] heartbeat password xe200 //建立心跳连接密码
[XE1-ps] ls-mode remote ip-address 169.254.20.20 //ls模式：远端模式
[XE1-ps] start
[XE1-ps] gatekeeper
[XE1-ps-gk] start

```

### 4. 配置位置服务器

```

# 配置以太网接口
[XE2] interface ethernet 0/0
[XE2-Ethernet0/0] ip address 169.254.20.20 255.255.0.0
[XE2-Ethernet0/0] quit
# 配置位置服务器
[XE2] location-server
[XE2-ls] ls-config interface Ethernet 0/0
[XE2-ls] call-mode h323 redirect
[XE2-ls] start
[XE2-ls] process-server gkserver
[XE2-ls-ps-gkserver] ip-address 169.254.10.10
[XE2-ls-ps-gkserver] heartbeat password xe200 //建立心跳连接密码
[XE2-ls] gateway gw01
[XE2-ls-gw-gw01] device-type h323
[XE2-ls-gw-gw01] dynamic-ip enable
[XE2-ls-gw-gw01] port 1719
[XE2-ls-gw-gw01] quit
[XE2-ls] gateway gw02
[XE2-ls-gw-gw02] device-type h323
[XE2-ls-gw-gw02] dynamic-ip enable
[XE2-ls-gw-gw02] port 1719

```

### 四、配置关键点：

集中式配置和分布式配置本质的区别就是location-server和process-server是否在同一台设备上，而在配置上表现出来最主要的区别就是process-server与location-server之间交互模式的区别，如果是集中式配置，那么在process-server视图下需要配置[xe-ps] ls-mode local；如果是分布式配置，那么需要在process-server视图下配置[xe-ps] ls-mode remote ip-addr（对应于远端位置服务器的IP地址）。