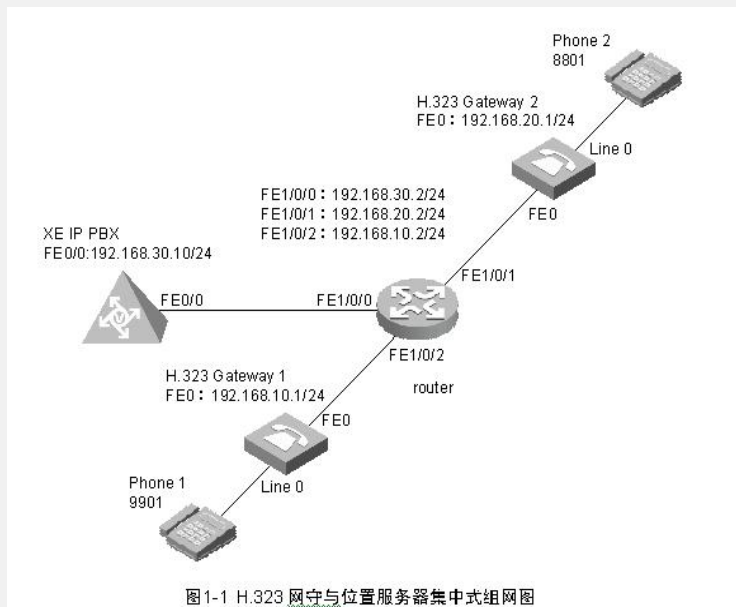


XE200/2000同时作为H323网守与位置服务器的配置

一、组网：



二、问题描述

一台XE语音服务器同时作为H.323网守和位置服务器，进行H.323呼叫。

三、配置步骤

& 说明：

假设H.323 Gateway 1、H.323 Gateway 2、语音服务器XE IP PBX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 192.168.10.1 255.255.255.0
```

```
[VG1-Ethernet0] quit
```

配置语音实体

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

```
[VG1-voice] dial-program
```

```
[VG1-voice-dial] entity 8888 voip
```

#配置IP网络侧语音实体8888 #

```
[VG1-voice-dial-entity8888] address ras
```

配置动态路由策略，GW和GK SERVER通过交互RAS信令，由GK SERVER 动态返回与被叫号码匹配的对端GW 地址

```
[VG1-voice-dial-entity8888] match-template ....
```

配置任意四位号码作为语音实体8888被叫号码模板

```
[VG1-voice-dial-entity8888] quit
```

```
[VG1-voice-dial] entity 9901 pots
```

配置本地语音实体8801，映象本地语音设备

```
[VG1-voice-dial-entity9901] line 0
```

[VG1-voice-dial-entity9901] match-template 9901 # 配置9901为语音实体9901下LINE 0端口的被叫号码#

```
[VG1-voice-dial-entity9901] return
```

配置GK-Client

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

```
[VG1-voice] gk-client
```

```

[VG1-voice-gk] gw-id gw01
[VG1-voice-gk] gw-address ip 192.168.10.1
[VG1-voice-gk] gk-id gkserver gk-addr 192.168.30.10 1719
[VG1-voice-gk] ras-on
# 激活 GK - Client#
2. 配置H.323 Gateway 2
# 配置以太网接口
[VG2] interface ethernet 0
[VG2-Ethernet0] ip address 192.168.20.1 255.255.255.0
[VG2-Ethernet0] quit
# 配置语音实体
[VG2] voice-setup
[VG2-voice] dial-program
[VG2-voice-dial] entity 8888 voip
[VG2-voice-dial-entity8888] address ras
[VG2-voice-dial-entity8888] match-template ....
[VG2-voice-dial-entity8888] quit
[VG2-voice-dial] entity 8801 pots
[VG2-voice-dial-entity8801] line 0
[VG2-voice-dial-entity8801] match-template 8801
[VG2-voice-dial-entity8801] return
# 配置GK-Client
[VG2] voice-setup
[VG2-voice] gk-client
[VG2-voice-gk] gw-id gw02
[VG2-voice-gk] gw-address ip 192.168.20.1
[VG2-voice-gk] gk-id gkserver gk-addr 192.168.30.10
[VG2-voice-gk] ras-on
3. 配置H.323网守
# 配置以太网接口
[XE] interface ethernet 0/0
[XE-Ethernet0/0] ip address 192.168.30.10 255.255.255.0
[XE-Ethernet0/0] quit
# 配置网守
[XE] process-server
[XE-ps] ps-config gkserver interface Ethernet 0/0
[XE-ps] heartbeat password xe200      #配置PS的心跳密码#
[XE-ps] ls-mode 0 local              #指定使用本地位置服务器#
[XE-ps] start
[XE-ps] gatekeeper
[XE-ps-gk] start
4. 配置位置服务器
# 配置位置服务器
[XE] location-server
[XE-ls] ls-config interface Ethernet 0/0
[XE-ls] call-mode h323 redirect
# 设置位置服务器的呼叫模式为重定向模式#
[XE-ls] start
[XE-ls] process-server gkserver
[XE-ls-ps-gkserver] heartbeat password xe200
#配置LS的心跳密码#
[XE-ls] gateway gw01
[XE-ls-gw-gw01] device-type h323
# 配置 gw01的类型为H323#
[XE-ls-gw-gw01] dynamic-ip enable
# 允许网关设备IP地址动态更新#
[XE-ls-gw-gw01] quit
[XE-ls] gateway gw02
[XE-ls-gw-gw02] device-type h323
[XE-ls-gw-gw02] dynamic-ip enable
5.配置关键点
5.1 配置PS与LS的heartbeat password 保持一致
[XE-ps] heartbeat password xe200
[XE-ls-ps-gkserver] heartbeat password xe200

```

5.2 设置位置服务器的呼叫模式为重定向模式

[XE-ls] call-mode h323 redirect