XE200/2000的H.323基本网守路由呼叫的配置

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一、组网：

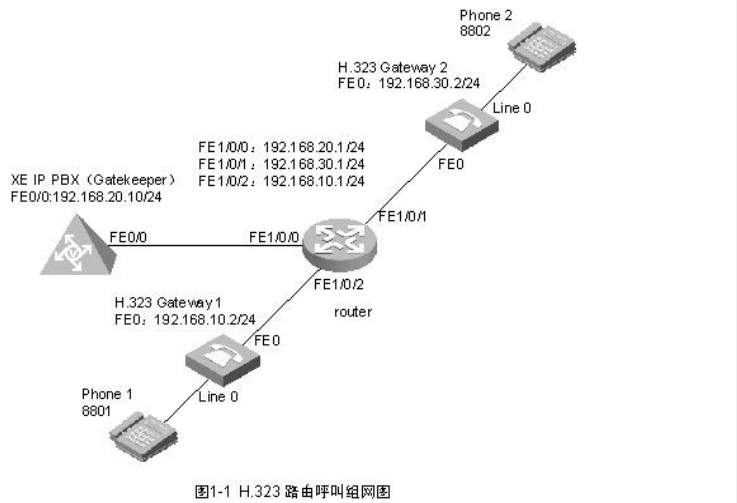

图1-1 H.323 路由呼叫组网图

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路由呼叫。

三、解决方法

说明：

假设语音网关H.323 Gateway 1、语音网关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 192.168.10.2 255.255.255.0

[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 8801 pots

＃配置本地语音实体8801，映象本地语音设备＃

[VG1-voice-dial-entity8801] line 0

[VG1-voice-dial-entity8801] match-template 8801

＃配置8801为语音实体8801下LINE 0端口的被叫号码#

[VG1-voice-dial-entity8801] return

配置GK-Client

[VG1] voice-setup

[VG1-voice] gk-client

[VG1-voice-gk] gw-id h323gateway1

[VG1-voice-gk] gw-address ip 192.168.10.2

[VG1-voice-gk] gk-id xeippbx gk-addr 192.168.20.10 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 192.168.30.2 255.255.255.0

[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] entity 8802 pots

[VG2-voice-dial-entity8802] line 0

[VG2-voice-dial-entity8802] match-template 8802

[VG2-voice-dial-entity8802] return

配置GK-Client

[VG2] voice-setup

[VG2-voice] gk-client

[VG2-voice-gk] gw-id h323gateway2

[VG2-voice-gk] gw-address ip 192.168.30.2

[VG2-voice-gk] gk-id xeippbx gk-addr 192.168.20.10 1719

[VG2-voice-gk] ras-on #激活GK-Client#

3. 配置H.323网守

配置以太网接口

[XE] interface ethernet 0/0

[XE-Ethernet0/0] ip address 192.168.20.10 255.255.255.0

配置网守

[XE] process-server

[XE-ps] ps-config xeippbx 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 routed

设置位置服务器的呼叫模式为路由呼叫

[XE-ls] start

[XE-ls] process-server xeippbx

[XE-ls-ps-xeippbx] heartbeat password xe200

#配置 LS的心跳密码 #

[XE-ls] gateway h323gateway1

[XE-ls-gw-h323gateway1] device-type h323

配置 h323gatewy1的类型为H323#

[XE-ls-gw-h323gateway1] dynamic-ip enable

允许网关设备IP地址动态更新

[XE-ls-gw-h323gateway1] quit

[XE-ls] gateway h323gateway2

[XE-ls-gw-h323gateway2] device-type h323

[XE-ls-gw-h323gateway2] dynamic-ip enable

5. 配置关键点

5.1 配置动态路由策略

[VG1-voice-dial-entity8888] address ras

5.2 配置语音实体

[VG1-voice-dial] entity 8888 voip

5.3 配置被叫号码模板

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

5.4 配置LS和PS的心跳密码要保持一致

```
[XE-ls-ps-xeippbx] heartbeat password xe200
[XE-ps] heartbeat password xe200
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