

XE200多被叫依次震铃功能的配置

一、组网需求

三台语音网关作为SIP用户代理，通过一台XE语音服务器进行SIP呼叫，并通过XE语音服务器实现呼叫遇忙前转和呼叫无应答前转。

XE语音服务器采用集中式组网。

二、组网图

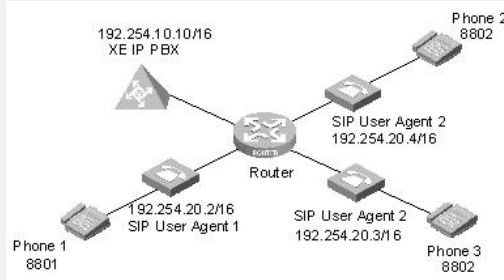


图1-1 呼叫遇忙前转或呼叫无应答前转组网图

三、配置步骤

1. 配置SIP Server

配置以太网接口

```
[XE] interface ethernet 0/0
[XE-Ethernet0/0] ip address 192.254.10.10 255.255.0.0
[XE-Ethernet0/0] quit
```

配置代理服务器

```
[XE] process-server
[XE-ps] ps-config xe200 interface Ethernet 0/0
[XE-ps] heartbeat password xe200
[XE-ps] start
[XE-ps] sip
```

[XE-ps-sip] start

#配置位置服务器

```
[XE] location-server
[XE-ls] ls-config interface Ethernet 0/0
[XE-ls] call-mode sip routed
[XE-ls] start
[XE-ls] process-server xe200
[XE-ls-ps-xe200] ip-address 127.0.0.1
[XE-ls-ps-xe200] heartbeat password xe200
[XE-ls-ps-xe200] quit
[XE-ls] gateway ua001
[XE-ls-gw-ua001] device-type sip
[XE-ls-gw-ua001] dynamic-ip enable
[XE-ls-gw-ua0018801] quit
[XE-ls-gw-ua001] quit
[XE-ls] gateway ua002
[XE-ls-gw-ua002] device-type sip
[XE-ls-gw-ua002] dynamic-ip enable
[XE-ls-gw-ua0028802] priority 12
//配置注册网关的优先级
[XE-ls-gw-ua0028802] quit
[XE-ls-gw-ua002] quit
[XE-ls] gateway ua003
[XE-ls-gw-ua003] device-type sip
[XE-ls-gw-ua003] dynamic-ip enable
[XE-ls-gw-ua0038802] priority 11
//配置注册网关的优先级
[XE-ls-gw-ua0038802] quit
[XE-ls-gw-ua003] quit
```

2. 配置SIP User Agent 1

```
# 配置以太网接口
[UA001] interface ethernet 0/0
[UA001-Ethernet0/0] ip address 192.254.20.2 255.255.0.0
[UA001-Ethernet0/0] quit
# 配置语音实体
[UA001] voice-setup
[UA001-voice] dial-program
[UA001-voice-dial] select-rule type-first 2 1 3
//设置实体匹配的顺序
[UA001-voice-dial] entity 1111 voip
[UA001-voice-dial-entity1111] address sip proxy
[UA001-voice-dial-entity1111] match-template ....
[UA001-voice-dial-entity1111] quit
[UA001-voice-dial] entity 8801 pots
[UA001-voice-dial-entity8801] line 0
[UA001-voice-dial-entity8801] match-template 8801
[UA001-voice-dial-entity8801] return
# 配置SIP
[UA001] voice-setup
[UA001-voice] sip
[UA001-voice-sip] sip-server master 192.254.10.10
[UA001-voice-sip] sip-id ua001
[UA001-voice-sip] register-enable on
```

3. 配置SIP User Agent 2

```
# 配置以太网接口
[UA002] interface ethernet 0/0
[UA002-Ethernet0/0] ip address 192.254.20.3 255.255.0.0
[UA002-Ethernet0/0] quit
# 配置语音实体
[UA002] voice-setup
[UA002-voice] dial-program
[UA002-voice-dial] select-rule type-first 2 1 3
[UA002-voice-dial] entity 1111 voip
[UA002-voice-dial-entity1111] address sip proxy
[UA002-voice-dial-entity1111] match-template ....
[UA002-voice-dial-entity1111] quit
[UA002-voice-dial] entity 8802 pots
[UA002-voice-dial-entity8802] line 0
[UA002-voice-dial-entity8802] match-template 8802
[UA002-voice-dial-entity8802] return
# 配置SIP
[UA002] voice-setup
[UA002-voice] sip
[UA002-voice-sip] sip-server master 192.254.10.10
[UA002-voice-sip] sip-id ua002
[UA002-voice-sip] register-enable on
```

4. 配置SIP User Agent 3

```
# 配置以太网接口
[UA003] interface ethernet 0/0
[UA003-Ethernet0/0] ip address 192.254.20.4 255.255.0.0
[UA003-Ethernet0/0] quit
# 配置语音实体
[UA003] voice-setup
[UA003-voice] dial-program
[UA003-voice-dial] select-rule type-first 2 1 3
[UA003-voice-dial] entity 1111 voip
[UA003-voice-dial-entity1111] address sip proxy
[UA003-voice-dial-entity1111] match-template ....
[UA003-voice-dial-entity1111] quit
[UA003-voice-dial] entity 8802 pots
[UA003-voice-dial-entity8802] line 0
[UA003-voice-dial-entity8802] match-template 8802
[UA003-voice-dial-entity8802] return
```

```
# 配置SIP
[UA003] voice-setup
[UA003-voice] sip
[UA003-voice-sip] sip-server master 192.254.10.10
[UA003-voice-sip] sip-id ua003
[UA003-voice-sip] register-enable on
```

四、配置关键点

和4.1的多被叫同时振铃相同，依次振铃必须启用H323路由呼叫模式或者SIP代理呼叫模式。通过设置注册了相同号码的网关的优先级，来实现多被叫依次振铃。优先级高的实体优先匹配。