

XE200/2000用户管理业务的配置

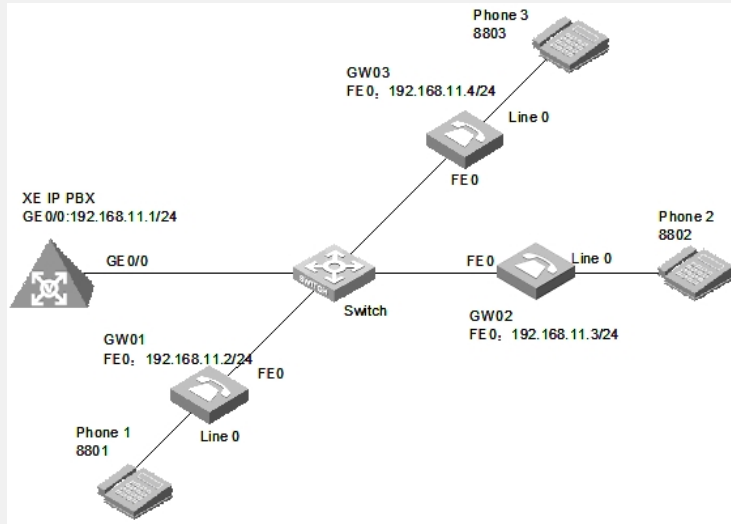
一、组网需求:

在网关GW01下配置用户8801, 限制该用户呼出, 只能接听电话;

在网关GW02下配置用户8802, 限制该用户呼入, 只能拨出电话;

在网关GW03下配置用户8803, 限制该用户的呼出和呼入, 即不能拨打电话也不能接听电话。

二、组网图:



三、配置步骤:

1.配置XE语音服务器的基本信息。

1.1配置以太网接口

```
<XE>system-view
System View: return to User View with Ctrl+Z.
[XE]interface GigabitEthernet 0/0
[XE-GigabitEthernet0/0]ip address 192.168.11.1 255.255.255.0
[XE-GigabitEthernet0/0]quit
[XE]
```

1.2配置处理服务器

```
[XE]process-server
[XE-ps]ps-config gk interface GigabitEthernet 0/0
[XE-ps]ls-mode 0 local
# 指定使用本地位置服务器
[XE-ps]heartbeat password key0
[XE-ps]start
[XE-ps]gatekeeper
[XE-ps-gk]start
[XE-ps-gk]quit
[XE-ps]quit
[XE]
```

1.3配置媒体服务器

```
[XE]media-server
[XE-ms]ms-config ms interface GigabitEthernet 0/0
[XE-ms]language chinese
# 配置媒体服务器的语言类型为chinese
[XE-ms]heartbeat password key1
[XE-ms]ls-mode local
[XE-ms]start
[XE-ms]quit
[XE]
```

1.4配置位置服务器

```
[XE]location-server
```

```
[XE-ls]ls-config interface GigabitEthernet 0/0
```

```
[XE-ls]start
```

```
[XE-ls]quit
```

```
[XE]
```

1.5配置LS下的PS信息

```
[XE-ls]process-server gk
```

```
[XE-ls-ps-gk]heartbeat password key0
```

```
[XE-ls-ps-gk]quit
```

```
[XE-ls]quit
```

```
[XE]
```

1.6配置LS下的MS信息

```
[XE-ls]media-server ms
```

```
[XE-ls-ms-ms]language chinese
```

```
# 在位置服务器上配置媒体服务器“ms”当前使用语言类型为chinese
```

```
[XE-ls-ms-ms]heartbeat password key1
```

1.7配置媒体资源文件

```
[XE]media-ability
```

```
[XE-ma]language chinese
```

```
# 进入中文媒体资源配置视图
```

```
[XE-ma-chinese]format G711a
```

```
[XE-ma-chinese-G711a]set-media 0/g711wav/0.wav
```

```
[XE-ma-chinese-G711a]set-media 1/g711wav/1.wav
```

```
[XE-ma-chinese-G711a]set-media 10/g711wav/10.wav
```

```
.....
```

说明：在配置媒体资源文件时，需保证媒体资源文件已上传到FLASH中。具体上传方法请参见《Quidway XE 200/2000语音服务器 操作手册（媒体服务器配置）》。本例中，媒体资源文件位于flash中的/g711wav目录下。

1.8配置LS下的网关GW01、GW02、GW03的基本信息

```
[XE]location-server
```

```
[XE-ls]gateway GW01
```

```
[XE-ls-gw-GW01]dynamic-ip enable
```

```
[XE-ls-gw-GW01]device-type h323
```

```
[XE-ls-gw-GW01]subscriber #1 8801
```

```
[XE-ls-gw-GW01 #1 8801]quit
```

```
[XE-ls-gw-GW01]quit
```

```
[XE-ls]gateway GW02
```

```
[XE-ls-gw-GW02]dynamic-ip enable
```

```
[XE-ls-gw-GW02]device-type h323
```

```
[XE-ls-gw-GW02]subscriber #1 8802
```

```
[XE-ls-gw-GW02 #1 8802]quit
```

```
[XE-ls-gw-GW02]quit
```

```
[XE-ls]gateway GW03
```

```
[XE-ls-gw-GW03]dynamic-ip enable
```

```
[XE-ls-gw-GW03]device-type h323
```

```
[XE-ls-gw-GW03]subscriber #1 8803
```

```
[XE-ls-gw-GW03 #1 8803]return
```

```
<XE>
```

2.配置网关GW01的基本信息

2.1配置以太网接口

```
[VG1]interface ethernet 0
```

```
[VG1-Ethernet0]ip address 192.168.11.2 255.255.255.0
```

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

```
[VG1]
```

2.2配置语音实体

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

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

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

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

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

```
[VG1-voice-dial-entity8888]fast-connect
```

```
[VG1-voice-dial-entity8888]outband h225
```

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

```
[VG1-voice-dial]entity 1 pots
```

```
[VG1-voice-dial-entity1]line 0
```

```
[VG1-voice-dial-entity1]match-template # 1
```

```
[VG1-voice-dial-entity1]outband h225
```

```
[VG1-voice-dial-entity1]return
```

```
<VG1>
```

2.3配置GK-Client

```
<VG1>system
```

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

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

```
[VG1-voice-gk]gw-id GW01
```

```
[VG1-voice-gk]gw-address ip 192.168.11.2
```

```
[VG1-voice-gk]gk-id gk gk-addr 192.168.11.1 1719
```

```
[VG1-voice-gk]ras-on
```

3.配置网关GW02和GW03的基本信息

说明：网关GW02和GW03的配置过程与GW01相似，请参照GW01的配置进行

4.在XE语音服务器上配置业务信息

```
<XE>system-view
```

```
[XE]location-server
```

```
[XE-ls]gateway GW01
```

```
[XE-ls-gw-GW01]subscriber #1 8801
```

```
[XE-ls-gw-GW01 #1 8801]sscb-manage
```

```
# 进入用户管理业务视图
```

```
[XE-ls-gw-GW01 #1 8801-ssbm]subscriber-status callin
```

```
[XE-ls-gw-GW01 #1 8801-ssbm]quit
```

```
[XE-ls-gw-GW01 #1 8801]quit
```

```
[XE-ls-gw-GW01]quit
```

```
[XE-ls]gateway GW02
```

```
[XE-ls-gw-GW02]subscriber #1 8802
```

```
[XE-ls-gw-GW02 #1 8802]sscb-manage
```

```
# 进入用户管理业务视图
```

```
[XE-ls-gw-GW02 #1 8802-ssbm]subscriber-status callout
```

```
[XE-ls-gw-GW02 #1 8802-ssbm]quit
```

```
[XE-ls-gw-GW02 #1 8802]quit
```

```
[XE-ls-gw-GW02]quit
```

```
[XE-ls]gateway GW03
```

```
[XE-ls-gw- GW03]subscriber #1 8803
```

```
[XE-ls-gw- GW03#1 8803]sscb-manage
```

```
# 进入用户管理业务视图
```

```
[XE-ls-gw- GW03#1 8803-ssbm]subscriber-status forbid
```

```
[XE-ls-gw- GW03#1 8803-ssbm]return
```

```
<XE>
```

四、配置关键点：

1.软件版本

VG必须采用VRP180-L0017以上（包含0017）的版本

XE必须采用XE200-VRP330-E0112（包含E0112）的版本

2.配置要点

2.1使用该业务需要启用媒体服务器，否则无法使用该业务；

2.2指定使用本地位置服务器命令改为 ls-mode 0 local

2.3[XE-ls-ms-ms]language chinese

在位置服务器上配置媒体服务器“ms”当前使用语言类型为chinese

```
[XE-ma]language chinese
```

```
# 进入中文媒体资源配置视图
```

在不同视图下功能不一样，这两个命令必配

2.4所有媒体资源文件都需上传

```
2.5[XE-ls-gw-GW01 #1 8801-ssbm]subscriber-status callin
```

```
# 用户只能呼入，不能呼出，呼出停机
```

```
[XE-ls-gw-GW02 #1 8802-ssbm]subscriber-status callout
```

```
# 用户只能呼出，不能呼入，呼入停机
```

```
[XE-ls-gw- GW03#1 8803-ssbm]subscriber-status forbid
```

```
# 双向停机
```

```
[XE-ls-gw- GW03#1 8803-ssbm]subscriber-status normal
```

```
# 用户状态正常，对应于用户开机或复机后可以呼入和呼出
```