

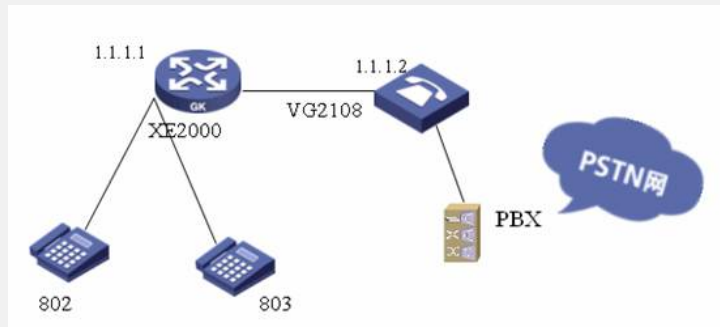
## 使用H3C XE200/2000进行号码路由

## 一 组网需求:

IP电话通过VG2108的FXO接到PBX落地, PSTN侧电话也通过VG2108接入;  
IP话机和VG2108都通过XE来定位号码, VG2108的第一和第二个FXO口要与IP电话802、803——绑定(即: 802拨出的电话只从VG2108的第一FXO口出局, pstn拨到第一FXO口的号码时802直接震铃)。

从IP侧拨出电话与普通的外线电话拨号规则相同, 直接拨区号+市话号码或本地市话号码和手机号码, 拨打外地手机加0, 也支持拨打17909等号码。

## 二 组网图:



## 三 配置步骤:

## 1 配置语音服务器XE2000

# 配置以太网接口

```
[XE] interface ethernet 0/0
[XE-Ethernet0/0] ip address 1.1.1.1 255.255.255.0
[XE-Ethernet0/0] quit
```

# 配置网守

```
[XE] process-server
[XE-ps] ps-config gkserver interface Ethernet 0/0
[XE-ps] heartbeat password xe
[XE-ps] ls-mode 0 local
[XE-ps] start
[XE-ps] gatekeeper
[XE-ps-gk] start
```

# 配置位置服务器

```
[XE] location-server
[XE-ls] ls-config interface Ethernet 0/0
[XE-ls] process-server gkserver
[XE-ls-ps-gkserver] heartbeat password xe
```

# 配置网关设备

```
[XE-ls] gate-way VG_21-08
[XE-ls-gw- VG_21-08] device-type h323
[XE-ls-gw- VG_21-08] dynamic-ip enable
[XE-ls-gw- VG_21-08] prefix.%
// 为VG_21-08下的所有实体做号码路由, 允许所有号码路由到VG_21-08上
[XE-ls-gw- VG_21-08] priority 5
// 降低该网关的优先级别, 让所有号码最后匹配该网关
[XE-ls-gw- VG_21-08] quit
```

```
[XE-ls] gate-way gejipphone
```

// IP电话1, 号码802

```
[XE-ls-gw- gejipphone] device-type h323
[XE-ls-gw- gejipphone] dynamic-ip enable
[XE-ls-gw- gejipphone] quit
```

```
[XE-ls] gate-way segipphone
```

// IP电话2, 号码803

```
[XE-ls-gw- segipphone] device-type h323
[XE-ls-gw- segipphone] dynamic-ip enable
```

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

## 2 配置语音网关VG B

```
# 配置全局模式下的语音编解码协议
```

```
[VGB] voice-setup
```

```
[VGB-voice] dial-program
```

```
[VGB-voice-dial] entity 8 voip
```

```
[VGB-voice-dial-entity8] match-template 8.T
```

```
[VGB-voice-dial-entity8] address ras
```

```
[VGB-voice-dial-entity8] quit
```

```
[VGB-voice-dial] entity 1802 pots
```

```
[VGB-voice-dial-entity1802] match-template .T
```

```
[VGB-voice-dial-entity1802] caller-permit 802
```

```
//只允许主叫号码为802的电话出局到pstn
```

```
[VGB-voice-dial-entity1802] send-number all
```

```
//将xe送来的所有号码都送给pbx
```

```
[VGB-voice-dial-entity1802] quit
```

```
[VGB-voice-dial] entity 1803 pots
```

```
[VGB-voice-dial-entity1803] match-template .T
```

```
[VGB-voice-dial-entity1803] caller-permit 803
```

```
//只允许主叫号码为803的电话出局到pastn
```

```
[VGB-voice-dial-entity1802] send-number all
```

```
//将xe送来的所有号码都送给pbx
```

```
[VGB-voice-dial-entity1803] quit
```

```
[VGB-voice-dial] gk-client
```

```
[VGB-voice-gk] gk-id XE_200 gk-addr 1.1.1.1 1719
```

```
[VGB-voice-gk] gk-id XE_200 gk-addr 192.168.16.252
```

```
[VGB-voice-gk] gw-address ip 1.1.1.2
```

```
[VGB-voice-gk] gw-id VG_21-08
```

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

```
[VGB-voice-gk] quit
```

```
[VGB-voice] subscriber-line 0
```

```
[VGB-voice-line0] area custom
```

```
[VGB-voice-line0] private-line 802
```

```
[VGB-voice-line0] quit
```

```
[VGB-voice] subscriber-line 1
```

```
[VGB-voice-line1] area custom
```

```
[VGB-voice-line1] private-line 803
```

### 四 配置关键点:

XE号码路由的方式只有三种，一种是vg动态号码注册，第二种是xe自己放号，最后一种就是网关下用prefix命令来配置一条静态路由号码。