

### VG网关默认编解码协议配置

#### 一、组网需求:

VG A和VG B上的电话经由广域网通话。要求VG A和VG B采用的VoIP通话采用G711u语音编码。

#### 二、组网图:

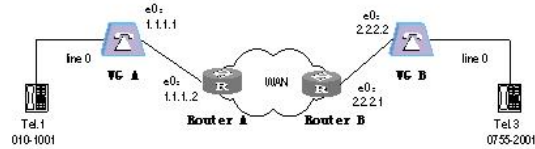


图1-1 语音编解码协议设定组网图

#### 三、配置步骤:

##### 1. 配置语音网关VG A

# 配置全局模式下的语音编解码协议

```
[VGA] voice-setup
[VGA-voice] dial-program
[VGA-voice-dial] default entity compression 1st-level g711u
[VGA-voice-dial] default entity compression 2nd-level g711u
[VGA-voice-dial] default entity compression 3rd-level g711u
[VGA-voice-dial] default entity compression 4th-level g711u
```

##### 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] default entity compression 1st-level g711u
[VGB-voice-dial] default entity compression 2nd-level g711u
[VGB-voice-dial] default entity compression 3rd-level g711u
[VGB-voice-dial] default entity compression 4th-level g711u
```

#### 四、配置关键点:

查看缺省情况下编解码的选择顺序，采用如下命令：

```
[VG] display voice default entity compression
[VG] default entity compression 1st-level g729r8 (system: g729r8)
[VG] default entity compression 2nd-level g711alaw (system: g711alaw)
[VG] default entity compression 3rd-level g711ulaw (system: g711ulaw)
[VG] default entity compression 4th-level g723r53 (system: g723r53)
```

在配置语音编解码协议的时候，必须保证主、被叫网关之间的语音编解码协议兼容，否则会因为能力协商不成功而无法建立语音通道；同时还要考虑到IP链路的带宽占用情况（影响带宽的参数包括编解码协议、打包时长、链路类型等等）。