

H3C XE2000和AVAYA S85对接典型配置

一 组网需求:

原有以AVAYA S85组建的语音网络, 需要在该网络中引入H3C语音设备。AVAYA S85不支持第三方设备注册, 但支持H.323 trunk, 考虑使用XE2000和AVAYA通过H.323 trunk相连。

二 组网图:

IP PHONE--S85(12.0.98.154) --XE2000(12.0.98.200)---VG1040(12.0.98.100)

软件版本无特殊要求。

三 配置步骤:

该对接和“XE2000同思科Callmanager使用H.323 trunk相连”有相似之处, 在AVAYA S85上建立H.323 trunk, 指向XE2000, 在XE2000上配置局向指向AVAYA S85。

1 配置XE2000局向

XE2000的基本位置服务器, 处理服务器的配置略, 配置指向avaya的局向。

```
[XE] location-server
[XE1-ls] office-group avaya
[XE1-ls-og-avaya] prefix 6666 //配置静态号码路由
[XE1-ls-og-avaya] office clan-1 //局向名称为avaya的trunk名
[XE1-ls-og-avaya clan-1] device-type h323-gw //指定对端设备类型
[XE1-ls-og-avaya clan-1] ip-address 12.0.98.154 //配置avaya s85的地址
[XE1-ls-og-avaya clan-1] port 1720 //指向avaya 1720端口
```

2 配置VG1040注册XE2000

```
# 配置以太网接口
[VG2] interface ethernet 0
[VG2-Ethernet0] ip address 12.0.98.100 255.255.255.0
[VG2-Ethernet0] quit
# 配置语音实体
[VG2] voice-setup
[VG2-voice] dial-program
[VG2-voice-dial] entity 6666 voip
[VG2-voice-dial-entity88] address ras
[VG2-voice-dial-entity88] match-template 6666
[VG2-voice-dial-entity88] quit
[VG2-voice-dial] entity 8888 pots
[VG2-voice-dial-entity8802] line 0
[VG2-voice-dial-entity8802] match-template 8888
# 配置GK-Client
[VG2] voice-setup
[VG2-voice] gk-client
[VG2-voice-gk] gw-id VG1040
[VG2-voice-gk] gw-address ip 12.0.98.100
[VG2-voice-gk] gk-id gkserver gk-addr 12.0.98.200
[VG2-voice-gk] ras-on
```

3 配置AVAYA指向XE2000的H.323 trunk

添加一个h323 trunk, 配置远端节点名称为XE2000处理服务器的名称 (本例中为xe2000), 端口为1720, 配置对端设备地址为XE2000的地址。

```

display signaling-group 5                                     Page 1 of 5
SIGNALING GROUP
Group Number: 5      Group Type: h.323
Remote Office? n
SBS? n
Remote Office? n      Max number of NCA TSC: 0
SBS? n                Max number of CA TSC: 0
Trunk Group for NCA TSC:
Trunk Group for Channel Selection: 5
Supplementary Service Protocol: a      Network Call Transfer? n
T303 Timer(sec): 10
Near-end Node Name: clan-1
Near-end Listen Port: 1720
Near-end Node Name: clan-1      Far-end Node Name: xe200
Near-end Listen Port: 1720      Far-end Listen Port: 1720
Far-end Network Region: 2
LRQ Required? n
RRQ Required? n
DTMF over IP: out-of-band
LRQ Required? n      Calls Share IP Signaling Connection? n
DTMF over IP: out-of-band      Bypass If IP Threshold Exceeded? n
Direct IP-IP Audio Connections? n
IP Audio Hairpinning? y
Interworking Message: PROGress
display signaling-group 5                                     Page 1 of 5

```

四 配置关键点:

1. 在AVAYA H.323 trunk中, Direct IP-IP Audio Connections的值需要配置为n, 如果配置成y, 将导致VG和AVAYA的ip话机出现单通的情况。
2. 在AVAYA S85上可以配置编解码, 如果出现只能振铃不能摘机通话的情况, 需要修改编解码和VG的编解码相同。