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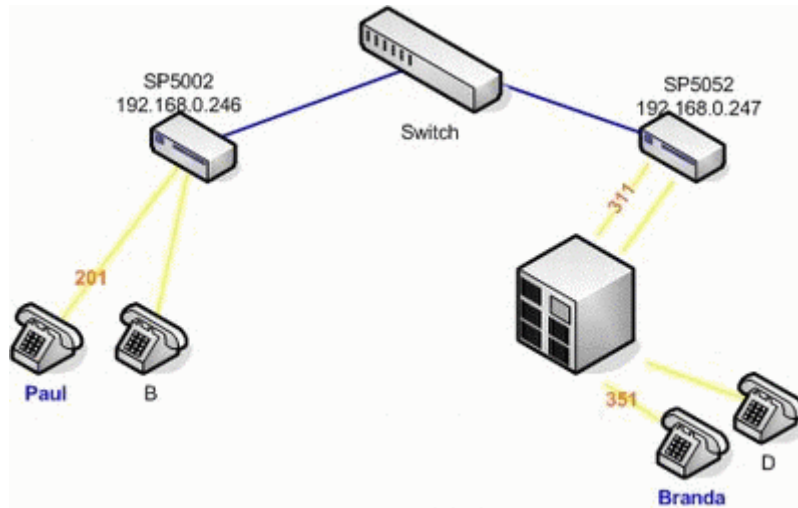
Application Note

Basic Connection (Hotline)

For SP5050/5052/5054, SP5002/5004

1. DESCRIPTION

- FXS gateway (SP5002) connects to telephone handsets
- FXO gateway (SP5052) connects to PABX extension lines



Hotline mode can connect two VoIP gateways directly without any numbers dialed. Here is the scenario:

The SP5052 FXO gateway connects two extensions (351, 352) from PABX system. Branda dials FXO gateway extension 311, and then the call goes to Paul directly.

2. Configuration

2.1 H.323 Protocol

SP5002 (Application Rom: v.205)

```
usr/config$ ifaddr -ip 192.168.0.246 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ h323 -mode 1 ( 1 = Peer-to-Peer Mode)
usr/config$ h323 -line1 201 -line2 202
usr/config$ line -config 1 hunt 1 hotline 1
usr/config$ line -config 2 hunt 2 hotline 2
usr/config$ pbook -add name SP5052 ip 192.168.0.245 e164 1
usr/config$ pbook -add name SP5052 ip 192.168.0.245 e164 2
usr/config$ commit
usr/config$ reboot
```

SP5052 (Application Rom: v.117b*)

```
usr/config$ ifaddr -ip 192.168.0.247 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ h323 -mode 1 ( 1 = Peer-to-Peer Mode)
usr/config$ sysconf -service 2 ( 2 = Hotline Mode)
usr/config$ bureau -hotline 1 192.168.0.246 201
usr/config$ bureau -hotline 2 192.168.0.246 202
usr/config$ commit
usr/config$ reboot
```

* In v.117b and earlier version, line number of FXO port cannot be specified. When an IP call comes to FXO gateway, the 1st line is always caught. If the first line is busy, the second line takes it.

2.2 SIP Protocol

SP5002 (Application Rom: v.109)

```
usr/config$ ifaddr -ip 192.168.0.246 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ sip -mode 0 ( 0 = Peer-to-Peer Mode)
usr/config$ sip -line1 201 -line2 202
```

```
usr/config$ bureau -hotline 1 192.168.0.245 301
usr/config$ bureau -hotline 2 192.168.0.245 302
usr/config$ commit
usr/config$ reboot
```

SP5052 (Application Rom: v.104)

```
usr/config$ ifaddr -ip 192.168.0.247 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ sip -mode 0 ( 0 = Peer-to-Peer Mode)
usr/config$ sip -line1 301 -line2 302
usr/config$ line -config 1 hunt 1 hotline 201
usr/config$ line -config 2 hunt 2 hotline 202
usr/config$ pbook -add name SP5002 ip 192.168.0.246 e164 201
usr/config$ pbook -add name SP5002 ip 192.168.0.246 e164 202
usr/config$ commit
usr/config$ reboot
```

Date: 2005/10/10