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Faster and Easier Networks



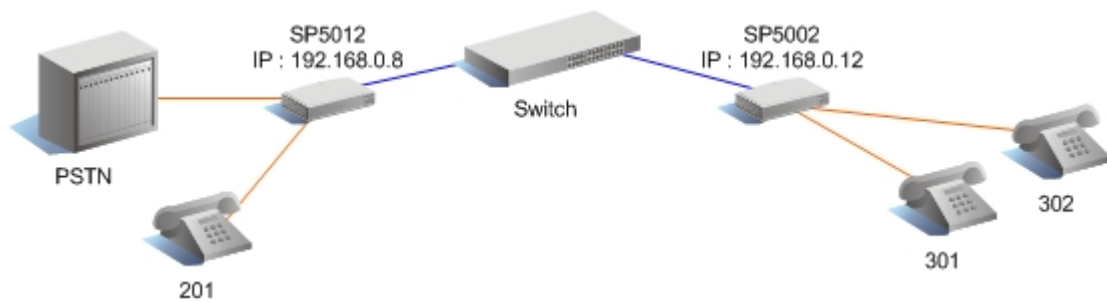
Application Note

Basic Connection (Hotline)

For SP5012/5014, SP5002/5004

1. DESCRIPTION

- FXS gateway (SP5002) connects to telephone handsets
- FXO gateway (SP5012) connects to PABX extension line and to one telephone handset



From SP5002 side,

- Lift up the handset from 301, the call connects to 201 directly.
- Lift up the handset from 302, the call connects to 202, and then you will hear the dialing tone for PSTN call.

From SP5012 side,

- Lift up the handset from 201, the call connects to 301 directly.
- Make a Call from PSTN network to 12345678, and then your call will be connected to 302 directly.

2. Configuration

2.1 H.323 Protocol

SP5002 (Application Rom: v.205)

```
usr/config$ ifaddr -ip 192.168.0.12 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ h323 -mode 1 (Peer-to-Peer)
usr/config$ h323 -line1 301 -line2 302
usr/config$ pbook -add name SP5012 ip 192.168.0.8 e164 20
usr/config$ line -config 1 hotline 201
usr/config$ line -config 2 hotline 202
usr/config$ commit
usr/config$ reboot
```

SP5012 (Application Rom: v.106)

```
usr/config$ ifaddr -ip 192.168.0.8 -mask 255.255.255.0 -gate 192.168.0.1
usr/config$ h323 -mode 1 (Peer-to-Peer)
usr/config$ h323 -line1 201 -line2 202
usr/config$ pbook -add name SP5002_1 ip 192.168.0.8 e164 30
usr/config$ line -config 1 hotline 301
usr/config$ line -config 2 hotline 302
usr/config$ commit
usr/config$ reboot
```

2.2 SIP Protocol

SP5002 (Application Rom: v.109)

```
usr/config$ ifaddr -ip 192.168.0.12 -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$ bureau -hotline 1 192.168.0.8 201
usr/config$ bureau -hotline 2 192.168.0.8 202
```

```
usr/config$ commit
usr/config$ reboot
```

SP5012 (Application Rom: v.103)

```
usr/config$ ifaddr -ip 192.168.0.12 -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$ line -config 1 hunt 1 hotline 301
usr/config$ line -config 2 hunt 2 hotline 302
usr/config$ pbook -add name SP5002 ip 192.168.0.8 e164 30
usr/config$ commit
usr/config$ reboot
```

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