

4. - SBC SIP Interfaces

It's now time to create a SIP service associating the IP in network interfaces with realms configured previously.

On the CLI lets first create the External SIP interface:

```
PCOSBC# config t
PCOSBC(configure)# session-router
PCOSBC(session-router)# sip-interface
PCOSBC(sip-interface)# realm-id External
PCOSBC(sip-interface)# sip-ports
PCOSBC(sip-port)# address 192.168.10.201
PCOSBC(sip-port)# port 5060
PCOSBC(sip-port)# transport-protocol udp
PCOSBC(sip-port)# allow-anonymous all
PCOSBC(sip-port)#
PCOSBC(sip-port)# done
sip-port
  address          192.168.10.201
  port             5060
  transport-protocol  UDP
  allow-anonymous   all
  multi-home-addr
  ims-aka-profile
```

Remember to issue the done command when completing the sip-port element and exit to jump to the sip-interface branch and issue the done command.

Setup SIP Interface for Internal

```
PCOSBC(configure)# session-router
PCOSBC(session-router)# sip-interface
PCOSBC(sip-interface)# realm-id Internal
PCOSBC(sip-interface)# sip-ports
```

```

PCOSBC(sip-port)# address 192.168.2.101
PCOSBC(sip-port)# transport-protocol UDP
PCOSBC(sip-port)#
PCOSBC(sip-port)# allow-anonymous all
PCOSBC(sip-port)# done
sip-port
  address          192.168.2.101
  port             5060
  transport-protocol  UDP
  allow-anonymous   all
  multi-home-addr
  ims-aka-profile

PCOSBC(sip-port)# exit
PCOSBC(sip-interface)# done
sip-interface
  state            enabled
  realm-id         Internal
  description
  sip-port
    address        192.168.2.101
    port           5060
    transport-protocol  UDP
    allow-anonymous   all
    multi-home-addr
    ims-aka-profile

```

An easy way to confirm the association of the IP address with the correct realm is issuing the command: `show virtual` need to save active config to display the information

```

PCOSBC# show virtual
intf phy-name vlan ip-addr   realm  type
0/0 External 0 192.168.10.201 External sip-port
1/1 Internal 0 192.168.10.101 Internal sip-port

```

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