

5. - SBC Steering pool

With the current configuration Oracle SBC is now able to process signaling but there are two problems, first there are no resources to manage audio and there is no routing in place to process the session correctly.

Let's fix the problem about the resources adding steering pools associated with the Internal and External realms.

Adding steering pools resources must be associated with the number of sessions to be supported and needs to be consider ports for video and RTCP. For this lab environment we will add only 101 ports.

```
PCOSBC# config t
PCOSBC(configure)# media-manager
PCOSBC(media-manager)# steering-pool
PCOSBC(steering-pool)# ip-address 192.168.10.201
PCOSBC(steering-pool)# start-port 20000
PCOSBC(steering-pool)# end-port 20100
PCOSBC(steering-pool)# realm-id External
PCOSBC(steering-pool)# done

steering-pool
  ip-address          192.168.10.201
  start-port          20000
  end-port             20100
  realm-id             External
  network-interface
  last-modified-by     admin@192.168.10.10
  last-modified-date    2023-03-30 05:53:07
```

```
PCOSBC(media-manager)# steering-pool
PCOSBC(steering-pool)# ip-address 192.168.10.101
PCOSBC(steering-pool)# start-port 30000
PCOSBC(steering-pool)# end-port 30100
PCOSBC(steering-pool)# reallm
```

```
PCOSBC(steering-pool)# realm-id Internal
PCOSBC(steering-pool)# done
steering-pool
    ip-address          192.168.10.101
    start-port          30000
    end-port            30100
    realm-id            Internal
    network-interface
    last-modified-by    admin@192.168.10.10
    last-modified-date  2023-03-30 05:53:47
```

an easy way to verify the number of ports assigned ot realms is issuing the command show mbcd realm

```
PCOSBC# show mbcd realms
05:55:51-47
    --- Steering Ports --- ----- Bandwidth Usage -----
Realm      Used  Free  No Ports  Flows Ingrss Egress  IngrssPriority EgressPriority  Total  Insuf BW
External    0   101    0    0   OK   OK    OK    OK    0K    0
Internal    0   101    0    0   OK   OK    OK    OK    0K    0
```

This command can be used in real time to verify if ports are enough to support current sessions.

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