



Troubleshooting IoT Services: Access Point

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How do I check the gRPC connection status on the access point?

Run the command: **show cloud connector connection detail**

This command returns information about the connection. *Connection State* should be READY. *Connection Url* should be the IP address of the Cisco Spaces: Connector on port 8000. *Certificate Available* should be true. *Controller Ip* should be the controller the AP is associated with.

```
AP# show cloud connector connection detail
Connection State           : READY
Connection Url             : 10.22.243.33:8000
Certificate Available      : true
Controller Ip              : 10.22.243.31
Stream Setup Interval     : 30
Keepalive Interval        : 30
Last Keepalive Rcvd On    : 2020-04-01 00:32:47.891433113 +0000 UTC m=+345985.338898246
Number of Dials            : 2
Number of Tx Pkts         : 2788175
Number of Rx Pkts         : 11341
Number of Dropped Pkts    : 0
Number of Rx Keepalive    : 11341
Number of Tx Keepalive    : 11341
Number of Rx Cfg Request  : 0
Number of Tx AP Cfg Resp  : 0
Number of Tx APP Cfg Resp : 0
Number of Tx APP state pkts : 5
Number of Tx APP data pkts : 2776829
```

How do I check the stream token on the access point?

Run the command: **show cloud connector key access**

How do I view the beacon broadcast setting for an access point running in Native Mode?