



## cnSGW-C Troubleshooting

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### show subscriber and cdl show Commands

This section describes troubleshooting information.

- To display the SGW subscriber information, use the following commands:

```
show subscriber namespace sgw imsi imsi_value
```

```
show subscriber nf-service sgw imsi imsi_value
```

```
show subscriber count { all }
```

```
show subscriber namespace sgw imsi 123456789012348  
subscriber-details
```

```
{  
  "subResponses": [  
    {  
      "status": true,  
      "genericInfo": {  
        "imsi": "imsi-123456789012348",  
        "mei": "imei-123456786666660",  
        "msisdn": "msisdn-223310101010101",  
        "accessType": "EUTRAN",  
        "plmnId": {  
          "mcc": "123",  
          "mnc": "456"  
        },  
        "sgwProfileName": "sgw1",  
        "unAuthenticatedImsi": "No"  
      },  
      "s11cInterfaceInfo": {  
        "sgwTeid": "[0x12000147] 301990215",  
        "sgwIPv4Address": "209.165.201.19",  
        "mmeTeid": "[0x62b5] 25269",  
        "mmeIPv4Address": "209.165.201.20"  
      },  
      "pdnInfoList": {  
        "totalPdn": 1,  
        "pdnInfo": [  
          {  
            "pdnId": "PDN-1",  
            "apn": "intershat",  
            "attachType": "Initial Attach",
```

```

"sgwRelocState": "N/A",
"operatorPolicyName": "N/A",
"dnnProfileName": "N/A",
"defaultEbi": 5,
"pdnType": "IPv4",
"allocatedIPv4": "209.165.201.26",
"apnSelectionMode": "Subscribed",
"ambrUplink": "10 Kbps",
"ambrDownlink": "20 Kbps",
"s5cInterfaceInfo": {
  "sgwTeid": "[0x52000147] 1375732039",
  "sgwIPv4Address": "209.165.201.19",
  "pgwTeid": "[0x339a] 13210",
  "pgwIPv4Address": "209.165.201.18"
},
"sxaInterfaceInfo": {
  "selectedUP": "209.165.201.20",
  "upEpKey": "209.165.201.20:209.165.201.19",
  "cpSeid": "[0x1200014752000147] 1297038098512740679",
  "upSeid": "[0x2712] 10002"
},
"bearerInfoList": {
  "totalBearer": 1,
  "bearerInfo": [
    {
      "bearerId": "Bearer-1",
      "state": "Connected",
      "ebi": 5,
      "isDefaultBearer": true,
      "qosInfo": {
        "qci": 6,
        "arp": 113
      },
      "sluInterfaceInfo": {
        "sgwTeid": "[0x62b7] 25271",
        "sgwIPv4Address": "209.165.200.226",
        "eNodeBTeid": "[0x62b8] 25272",
        "eNodeBIPv4Address": "209.165.201.20"
      },
      "s5uInterfaceInfo": {
        "sgwTeid": "[0x62b6] 25270",
        "sgwIPv4Address": "209.165.201.1",
        "pgwTeid": "[0x339b] 13211",
        "pgwIPv4Address": "209.165.201.18"
      },
      "chargingId": 303174163
    }
  ]
},
"uli": {
  "mcc": "123",
  "mnc": "456",
  "tac": "0x92a",
  "eci": "0x12d687"
},
"uetimeZone": {
  "timeZone": "+0:15",
  "dayLightSavingTime": "+1 hour"
},
"plmnType": "VISITOR"
}
}
}
}

```

```
    ]
  }
  show subscriber count all
  subscriber-details
  {
    "sessionCount": 50
  }
}
```

- To display the session summary information, use the following command:

**cdl show sessions summary**

```
cdl show sessions summary
message params: {session-summary cli session {0 100 0 [] 0 0}}
session {
  primary-key imsi-146062234105885
  unique-key [ 16777218 ]
  map-id 1
  instance-id 1
  version 1
  create-time 2020-04-27 16:18:24.225646626 +0000 UTC
  last-updated-time 2020-04-27 16:18:24.87241245 +0000 UTC
  purge-on-eval false
  next-eval-time 2020-05-04 16:18:24 +0000 UTC
  data-size 406
}
```

- To clear subscriber information, use the following commands:

**clear subscriber all**

**clear subscriber nf-service sgw all**

```
clear subscriber all
result
ClearSubscriber Request submitted

clear subscriber nf-service sgw all
result
ClearSubscriber Request submitted
```

