

Monitoring SRC Client Connection Status

Purpose Display the current status of the SRC client connection to the SAEs. The command output refers to the SRC client by its former name, SSC client.

Action To display the status of the SRC client connection:

```
host1#show sssc info
The SSC Client configured protocols : IP(v4), DHCP(v4), L2TP(LAC)
The SSC Client is currently unconnected
The SSC Client configured servers are:
  Primary: 10.10.2.2:3
  Secondary: 0.0.0.0:0
  Tertiary: 0.0.0.0:0
  Local Source: FastEthernet 0/0, Local Source Address: 10.13.5.61
  The configured transport router is: default
  The configured retry timer is (seconds): 90
  The configured update-policy-request is: Enabled
  The connection state is: NoConnection
SSC Client Statistics:
Policy Commands received      0
Policy Commands(List)        0
Policy Commands(Acct)         0
Bad Policy Cmds received      0
Error Policy Cmds received    0
Policy Reports sent           0
Connection Open requests      0
Connection Open completed     0
Connection Closed sent        0
Connection Closed remotely    0
Create Interfaces sent         0
Delete Interfaces sent         0
Active IP Interfaces           2
IP Interface Transitions       0
Synchronizes received          0
Synchronize Complete sent      0
Internal Errors                 0
Communication Errors            0
Tokens Seen                     0
Active Tokens                   0
Token Transitions               0
Token Creates Sent              0
Token Deletes Sent              0
Active Addresses                0
Address Transitions             0
Create Addresses Sent           0
Delete Addresses Sent           0
Authentication Successes        0
Authentication Failures         0
```

Meaning Table 1 lists the **show sssc info** command output fields.

Table 1: show sssc info Output Fields

Field Name	Field Description
The SSC client configured protocols	Protocols that are enabled on the virtual router for policy and QoS management by the SRC software
The SSC client configured servers	IP addresses of the primary, secondary, and tertiary SAEs
Local Source	Fixed source interface for the TCP/COPS connection
Local Source Address	Fixed source address for the TCP/COPS connection
The configured transport router is	Router on which is TCP/COPS connection is established
The configured retry timer is (seconds)	Delay period the client waits for a response from the SAE before submitting request again
The configured update-policy-request is	Whether the router or the SRC client retrieves DSL line rate parameters, whenever the values change after connection establishment, from ANCP and transfers the details to the COPS server with other COPS messages, enabled or disabled
The connection state is	Current state of the TCP/COPS connection

Table 1: show ssc info Output Fields (continued)

Field Name	Field Description
SSC Client Statistics	<p>Statistics about the connection between the SRC client and SAE</p> <ul style="list-style-type: none">■ Policy Commands received—Number of policy commands received on the SRC client connection■ Policy Commands(List)—Number of Policy Commands with subtype List■ Policy Commands(Acct)—Number of Policy Commands with subtype Accounting■ Bad Policy Cmds received—Number of Policy Commands received with bad policies■ Error Policy Cmds received—Number of Policy Commands received with errors■ Policy Reports sent—Number of Policy Reports sent■ Connection Open requests—Number of connections the SRC client has tried to open with a remote SAE■ Connection Open completed—Number of connections successfully open to the SAE■ Connection Closed sent—Number of connections the SRC client has closed■ Connection Closed remotely—Number of connections that were closed by the remote SAE■ Create Interfaces sent—Number of create interface indications sent to the SAE■ Delete Interfaces sent—Number of delete interface indications sent to the SAE■ Active IP Interfaces—Current number of active IP interfaces the SRC client is aware of■ IP Interface Transitions—Number of IP interface transitions logged by the SRC client■ Synchronizes received—Number of synchronization requests the SRC client received from the SAE■ Synchronize Complete sent—Number of synchronization complete indications sent■ Internal Errors—Number of internal errors■ Communication Errors—Number of errors with lower-layer communications (such as socket errors)

Related Topics ■ [show ssc info](#)

Published: 2010-04-06