



Purpose: How to interpret the Subscriber Tracking Syslog messages. These syslogs are sent using port 514 in CSV format so they can be imported into any application of your choosing. A message is generated each time a subscriber is added or removed from the Subscriber Database or the Current Subscribers table; for each session that the user generates; and if enabled, for every 500th packet incoming or outgoing for the subscriber.

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1      2      3      4      5      6      7      8      9      10     11  12  13
conSTR,2008-06-10T22:33:05.20Z,00:50:DA:55:47:87,S(10.0.0.12:2307),P(10.10.10.10:8080),R(208.111.145.158:80), X(67.130.149.163:5156),TCP,Nomadix, Admin, joe, 10 ,10
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|----|---|--|
| 1 | Identification | the type of packet being reported |
| | subADD | the subscriber has been added to the subscriber database |
| | subDEL | the subscriber has been removed from the subscriber database |
| | subSTR | the subscriber has been added to the current subscribers table |
| | subEND | the subscriber has been removed from the current subscribers table |
| | conSTR | the subscriber session has been added to the DAT table |
| | conEND | the subscriber session has been removed from the DAT table |
| | pktSUB | the subscriber has sent 500 packets |
| | pktNET | the NSE has received the 500 packets for the subscriber |
| 2 | Time Stamp | UTC format as specified in RFC 3339 |
| 3 | MAC address of the subscriber | |
| 4 | (S)ubscriber IP and Port | |
| 5 | (P)roxy IP and Port | |
| 6 | (R)emote IP and Port – the destination IP address for the session and the port used for the session | |
| 7 | (X) Translated IP and Port – the IP address and port used by the NSE for the session | |
| 8 | Protocol being used for session | |
| 9 | Site name as configured in the Configuration/Location/Site Name entry | |
| 10 | User access – the way that the user authenticated on the NSE | |
| | non-auth | AAA is disabled or the subscriber has not yet authenticated |
| | free | AAA is enabled and the subscriber has free access |
| | radius | AAA is enabled and the subscriber has logged in via Radius |
| | admin | AAA is enabled and the subscriber profile was created by an administrator |
| | CC user | AAA is enabled and the subscriber was added by credit card authentication |
| | PMS user | AAA is enabled and the subscriber was added by PMS authentication |
| | invalid | Closed session for a subscriber no longer on the NSE or is a Pending subscriber. |
| 11 | User name entered by the subscriber when authenticating | |
| 12 | Location from the Port Location table entry | |
| 13 | Port – the port the user is on. This could be either VLAN or SNMP Query for port identification | |

If the information for the field is not available, then it will just have a comma for the field as in this example.
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