

View StatMux Messages SSH

Apr 2024

StatMux messages originate from the Multiplexer and are received by the Encoding Live. Even though the Encoder may be started, it will not output anything when in a StatMux group if it does not receive any StatMux messaging.

Remember, for this to work the Encoder and Mux have to be started, and the StatMux group has to be set in both the Multiplexer and the Encoder.

In this example I am looking at eno3 on Encoder, this is because in this example the StatMux messages are going across the Data Network.

We can use the following to see the StatMux messages:

```
tcpdump -i eno3 -nn port 15778
```

```
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eno3, link-type EN10MB (Ethernet), capture size 262144 bytes
15:59:13.968242 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:14.467428 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:15.011403 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:15.510726 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:16.010556 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:16.554557 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:17.099480 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:17.644253 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:18.188745 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:18.732785 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:19.276325 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:19.775978 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:20.320564 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
15:59:20.865892 IP 11.0.213.3.15778 > 239.225.0.1.15778: UDP, length 61
```

11.0.231.3 is the source address the StatMux messages are coming from, in my example this is the first Data Interface on the Mux.

239.225.0.1 is the Multicast that was configured when setting up the system as the StatMux Multicast Address.

15778 is the default port used for StatMux multicast messages.

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