

Aquila Live Stat Mux

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Stat Mux in Aquila Live is pretty much the same from the user perspective as it has been since the inception of Encoding Live / MKSP and nCC (from a user perspective).

There is now a difference in the configuration of Stat Mux, this is mainly because every system deployed used the same multicast addresses between the EL and Mux, this is okay if you only have one system, but problematic if you have multiple systems.

The Multiplexer installer has also changed to allow the specification of stat mux parameters during the installation phase.

Multiplexer Installation

One of the steps, when installing the Multiplexer is to specify what Stat Mux multicast address(s) to use, this is done from the command line when doing the install.

```
./installer-multiplexer-el8-20.4.0-6421.sh compact --configure --serverID Mux01 --localIP 192.168.1.213  
--controllerIP 192.168.1.225 --muxAnnouncer 239.225.0.1 --statmuxAnnouncer 239.225.0.1 --  
simulcryptAnnouncer 239.225.0.1 --bisscaAnnouncer 239.225.0.1 --licenseServerIP 192.168.1.225
```

The important part from the stat mux perspective is the announcer address

```
--muxAnnouncer 239.225.0.1 --statmuxAnnouncer 239.225.0.1 --simulcryptAnnouncer 239.225.0.1 --bisscaAnnouncer 239.225.0.1
```

The address in the above example has been used for all announcers, each announcer uses a unique port.

Finding Announcer Address

If you performed the installation, then great, you probably know the announcer address, however you could be working on a system you have never seen before, and need this announcer information.

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