

Twitch TNF MX1 - Broadcast Runbook

Version: 1

Date: 13th Sep 2018

Primary Elemental: 185.82.55.65

Backup Elemental: 185.82.55.69

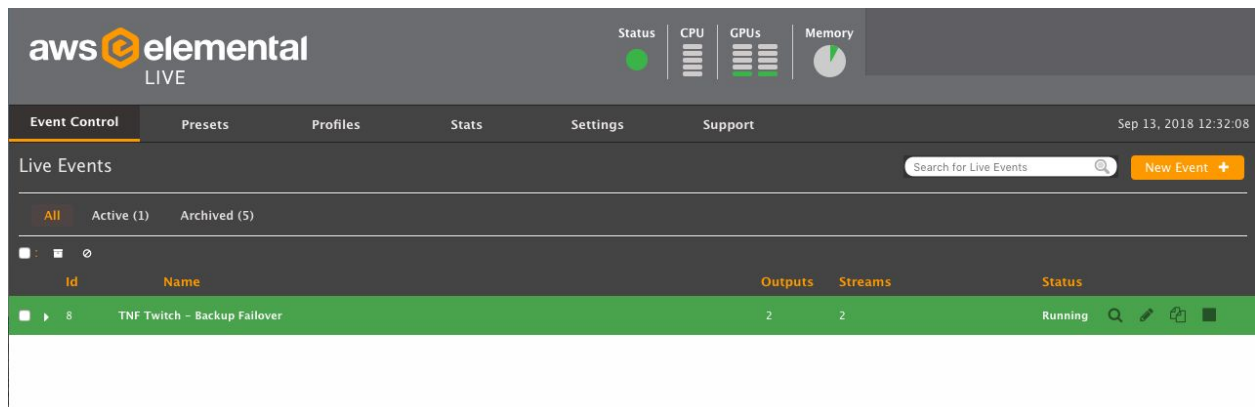
Contact Information

In the event of an emergency please call **+1 (415) 360 1337** to contact the oncall Event Engineering team. For all other technical enquiries please email eventengineering@twitch.tv

Show start and end procedures

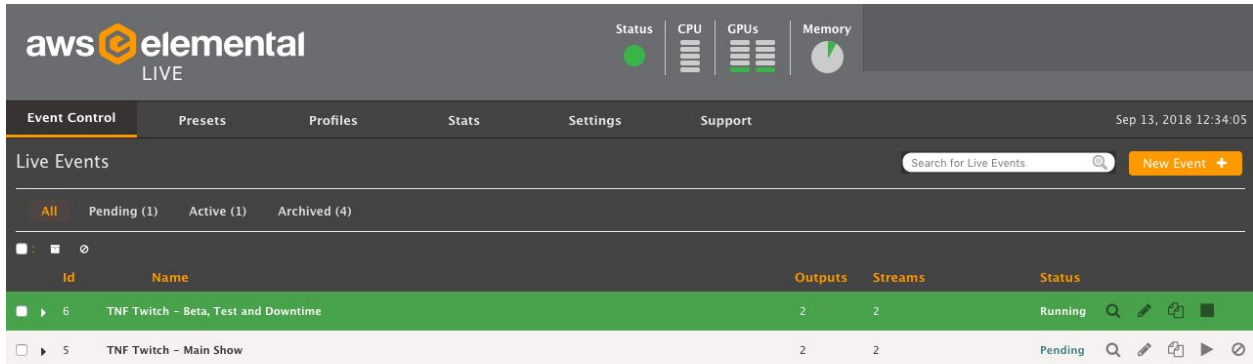
Before Game

Ensure that the “**Backup Failover**” event has been restarted on the Backup Elemental



At Golive

Stop the “**Beta, Test and Downtime**” event on the primary Elemental and start the “**Main Show**” event on the primary Elemental

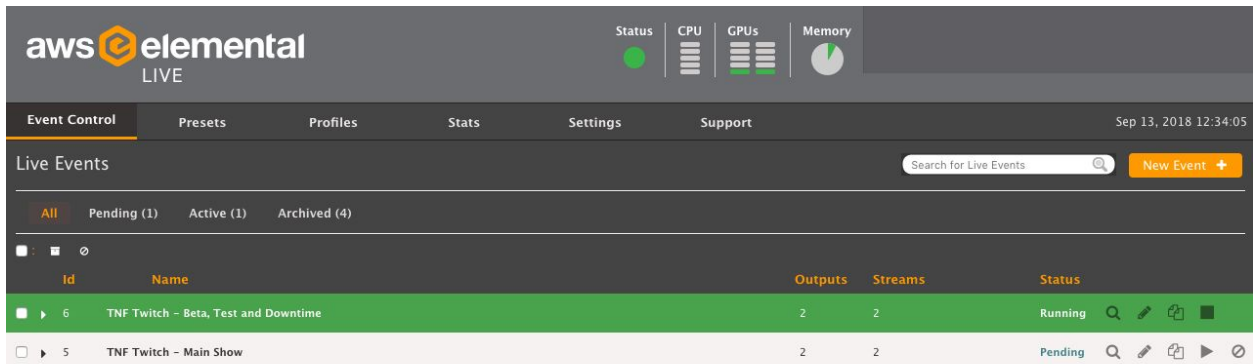


The screenshot shows the AWS Elemental LIVE console interface. At the top, there's a header with the AWS Elemental LIVE logo and navigation tabs: Event Control, Presets, Profiles, Stats, Settings, and Support. A status bar shows CPU, GPU, and Memory usage. Below the header, the 'Live Events' section is active, displaying a table of events. The table has columns for Id, Name, Outputs, Streams, and Status. Two events are listed: ID 6, 'TNF Twitch - Beta, Test and Downtime', which is 'Running', and ID 5, 'TNF Twitch - Main Show', which is 'Pending'.

Id	Name	Outputs	Streams	Status
6	TNF Twitch - Beta, Test and Downtime	2	2	Running
5	TNF Twitch - Main Show	2	2	Pending

At Show End

Stop the “**Main Show**” event and start the “**Beta, Test and Downtime**” event on the primary Elemental



This screenshot is identical to the one above, showing the AWS Elemental LIVE console. The 'Live Events' table shows ID 6, 'TNF Twitch - Beta, Test and Downtime', as 'Running' and ID 5, 'TNF Twitch - Main Show', as 'Pending'.

Id	Name	Outputs	Streams	Status
6	TNF Twitch - Beta, Test and Downtime	2	2	Running
5	TNF Twitch - Main Show	2	2	Pending

Elemental Profiles

There are 6 profiles on each Elemental encoder split into JFK and IAD groups. Should there be a problem with the Twitch JFK video ingest location, we will switch to using the IAD profiles.

Show: This profile sends the stream to the main primevideo channel and the open captions primevideo_burncc channel.

Downtime/Beta/Test: This profile sends the stream to the k8b9dzmih42t test/beta channel and the k8b9dzmih42t_burncc open captions channel. This profile should be used whenever there is no live show happening so that we can continue to monitor the incoming stream.

Backup: This profile is used to send to the secondary backup channels vh3kpmv3gnfszwnb and vh3kpmv3gnfszwnb_burncc and should only be in use on the backup Elemental. By default we should use the backup profile that has a different ingest location to the primary. E.g. use IAD when the primary is sending the stream to JFK

All 6 profiles are present on both Elementals should the need arise to switch the primary and backup roles between the encoders.

Appendix 1 - Channels:

Channel	Description
primevideo	The main TNF broadcast channel
primevideo_burncc	The open captions stream for use on iOS devices (this is hidden from the user and the switch happens on the back end)
vh3kpmv3gnfszwnb	The main failover channel (failover will occur manually on the Twitch end)
vh3kpmv3gnfszwnb_burncc	The open captions failover channel
k8b9dzmih42t	The main beta and testing channel
k8b9dzmih42t_burncc	The open captions beta and testing channel