

Wowza Streaming Cloud with an NCast Presentation Recorder

I. Wowza Configuration

1. Go to Live Streams (Fig. 1)

- Add Live Stream (Fig. 1)

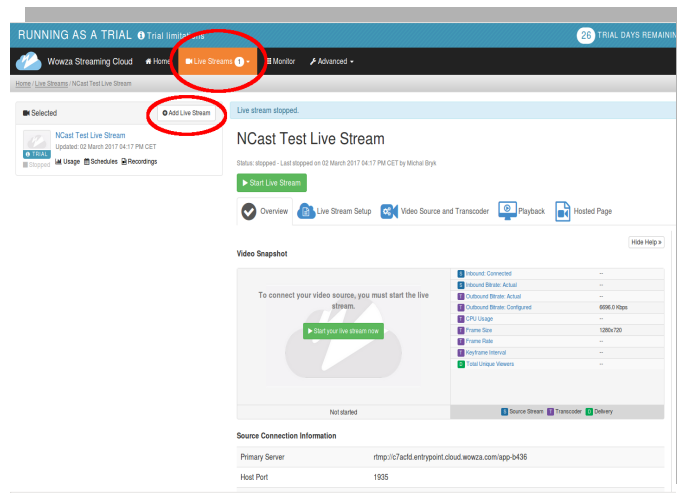


Fig. 1

2. Live stream setup (Fig. 2)

- enter name
- choose server location

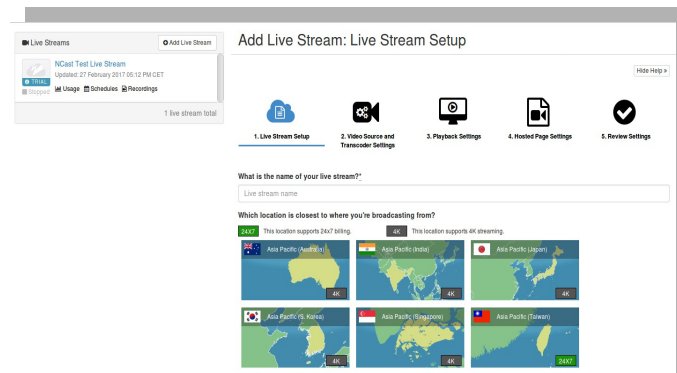


Fig. 2

3. Source and transcoder settings (Fig. 3)

- Encoder: **Other RTMP (1)**
- Delivery Method: **Push Stream (2)**
- Aspect Ratio: **(3)**

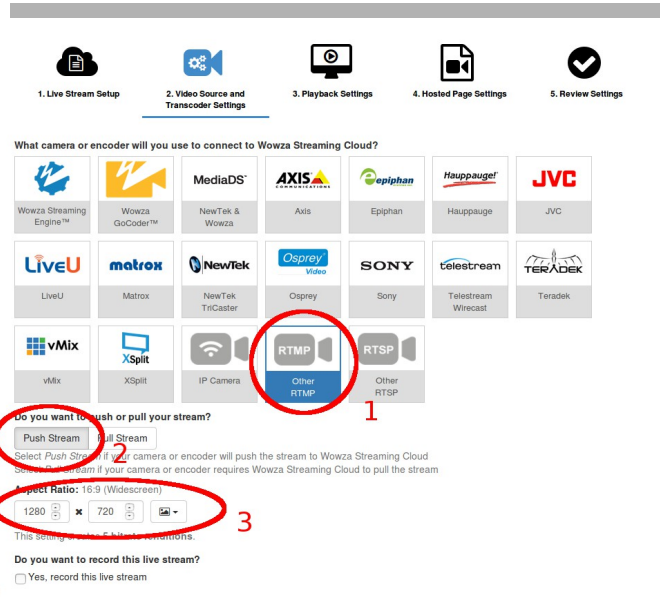


Fig. 3

4. Encoder configuration

Settings needed for NCast Presentation Recorder setup (Fig. 4)

- Server URL (1)**
- Port (2)**
- Stream name (3)**
- Username (4)**
- Password (5)** (press 'Eye' Button to reveal password)

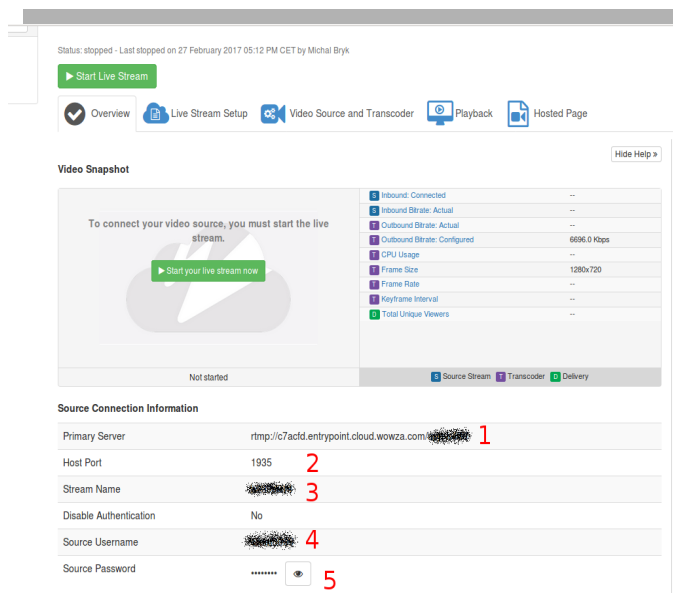


Fig. 4

II. Presentation Recorder configuration

1. Go to 'Channel' Tab (1) and edit settings of desired channel (2) (Fig. 5)

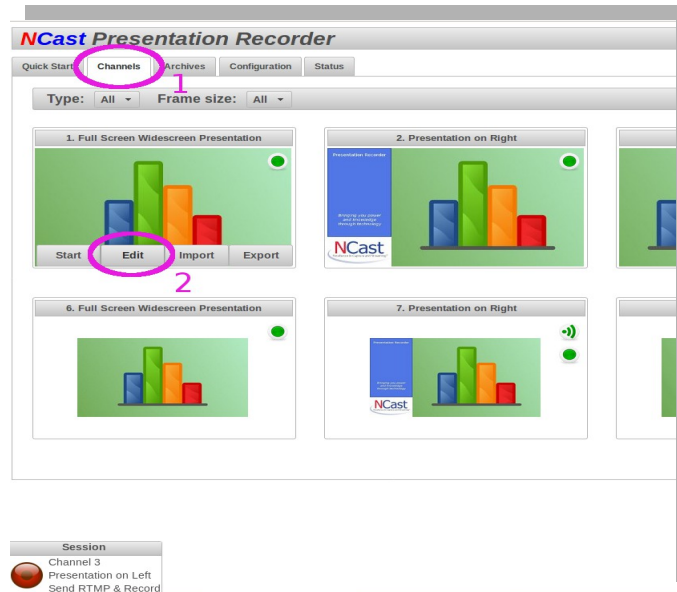


Fig. 5

2. Set channel scenario

Select 'Send stream' or 'Send stream and record to file' (Fig. 6)

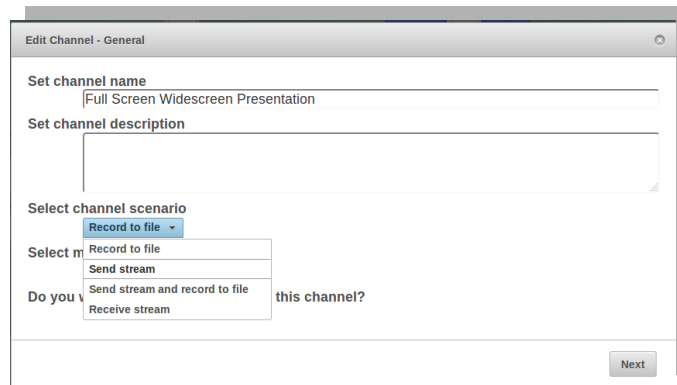


Fig. 6

3. Set encoder parameters

Resolution (Fig. 7), bitrate and framerate (Fig. 8 and Fig. 9).

Typical parameters:

720p: 30 fps, 2.5 Mbps

1080p: 30 fps, 5 Mbps

Audio: 48 kHz, Stereo, 128 kbps

Select 'Custom' to enter parameters manually (Fig. 9).

Please refer to Wowza Streaming Cloud docs to enter correct values.

Key frame interval is set to 2 seconds.



Fig. 7

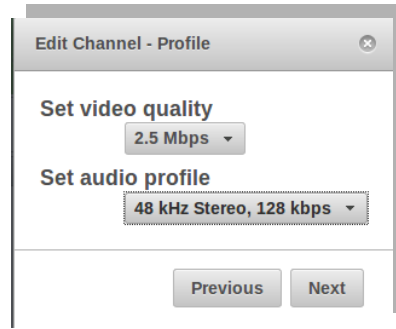


Fig. 8

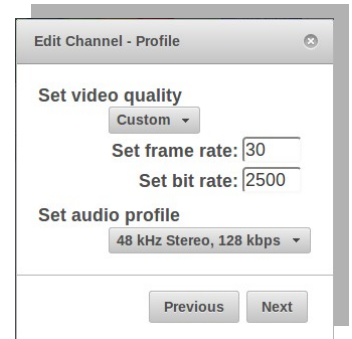


Fig. 9

4. Set stream parameters (Fig. 10)

- Streaming protocol: 'RTMP'
- RTMP server type: 'Remote'
- Address: copy from Fig. 4 (1)
- Port: copy from Fig. 4 (2)
- Username: copy from Fig. 4 (4)
- Password: copy from Fig. 4 (5)
- Stream name: copy from Fig. 4 (3)

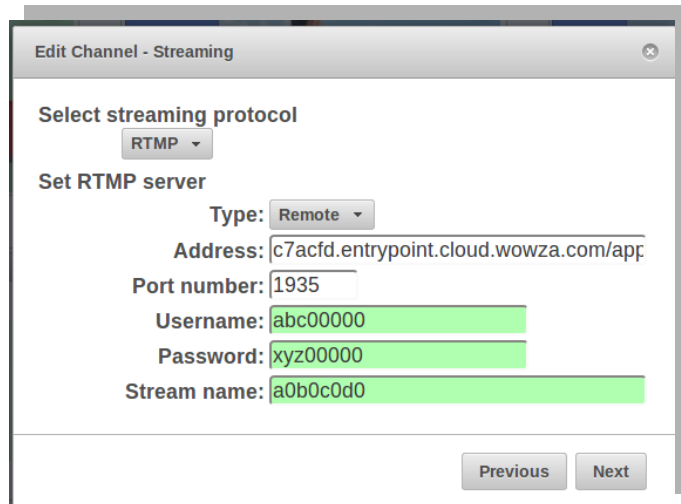


Fig. 10

III. Start live streaming

1. Start live stream in the Wowza Streaming Cloud (Fig. 11)
2. Start live session in Presentation Recorder (Fig. 12)

- Load channel by clicking on channel icon (1) and accept popup dialog with 'OK'
- Verify channel (2)
- Start encoder (3)

3. Verify connection status (Fig. 13)

Green icon – Connection OK

Red, blinking icon – Connection error

Red icon will blink while establishing connection, this is normal behavior. If it does not turn green after 15 seconds there is connection error

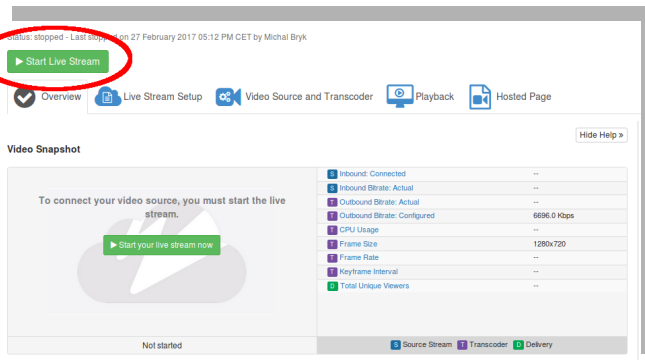


Fig. 11

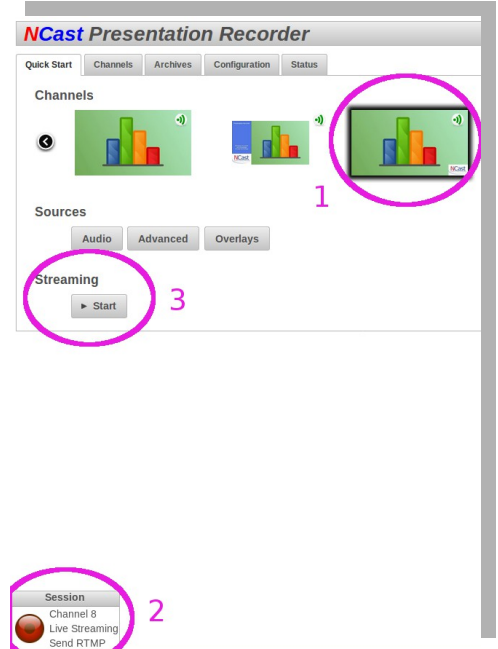


Fig. 12

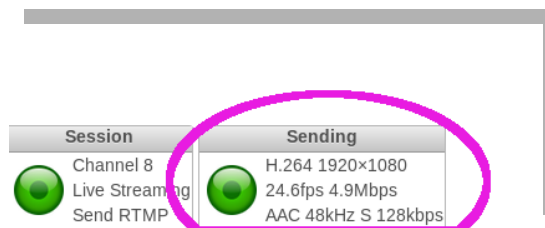


Fig. 13

4. Verify the Wowza Streaming Cloud connection parameters Fig. 14

Check stream parameters (1)

Check stream preview image (2)

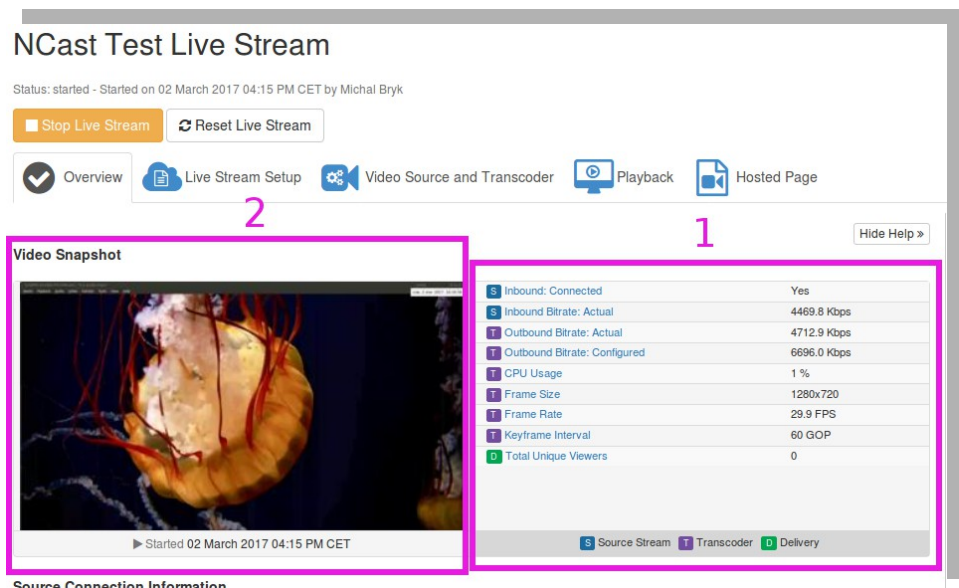


Fig. 14