

# Connectivity with Nimbra Edge

CE Mini v1.8.4

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Technical Note

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## 1. Introduction

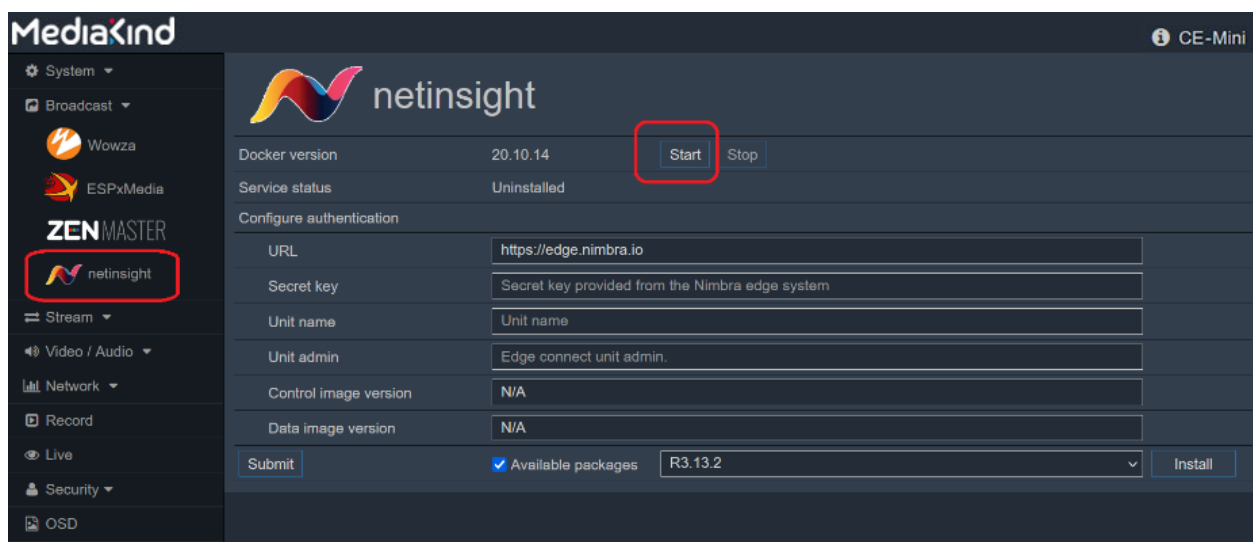
This document explains how to configure CE-Mini to enable Nimbra Edge connectivity to NetInsight Nimbra Edge Cloud.

In a typical situation, the steps below will need to be done before commissioning the unit for the event or before sending it to the takers who contribute the CE-mini feeds to the central broadcaster using Nimbra Edge Cloud.

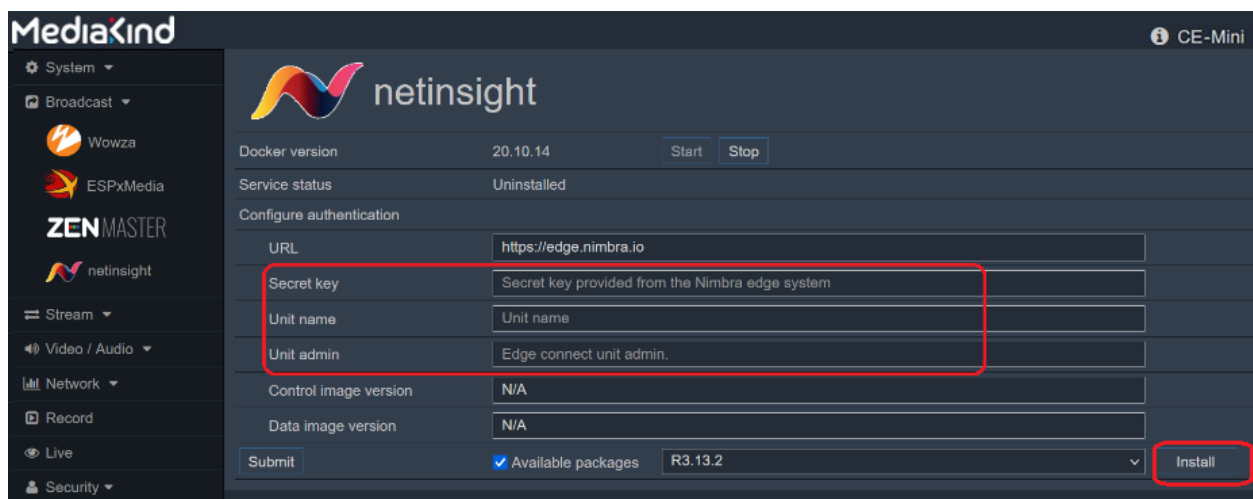
## 2. Configure CE-Mini to connect to Nimbra Edge cloud

To configure CE-Mini to connect to Nimbra Edge cloud, follow these steps:

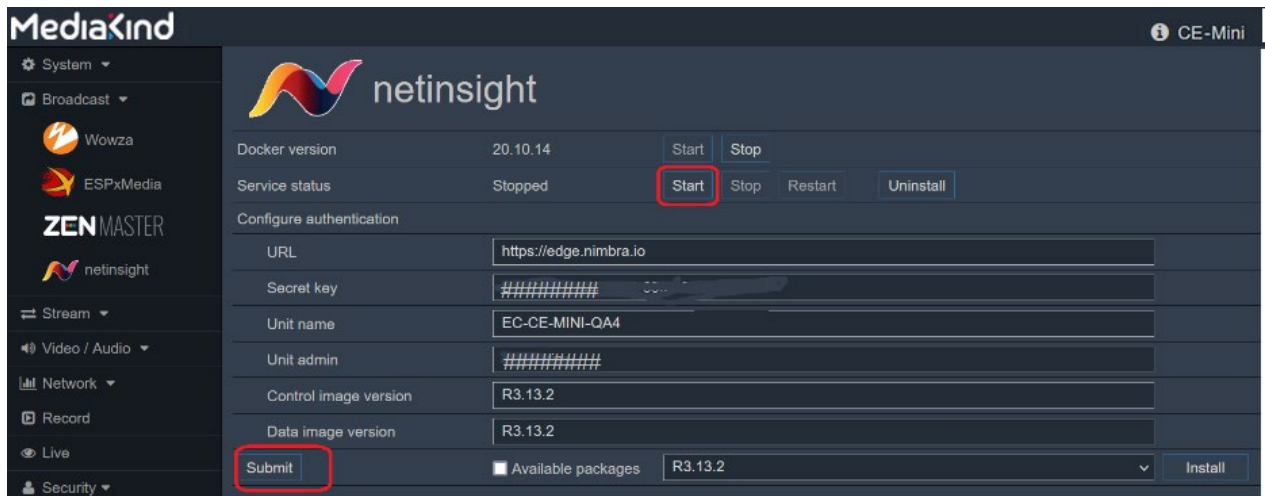
1. Login to the CE-Mini user interface
2. Select **Broadcast -> netinsight**
3. Start Docker. A reboot prompt will pop-up, click ok to reboot.



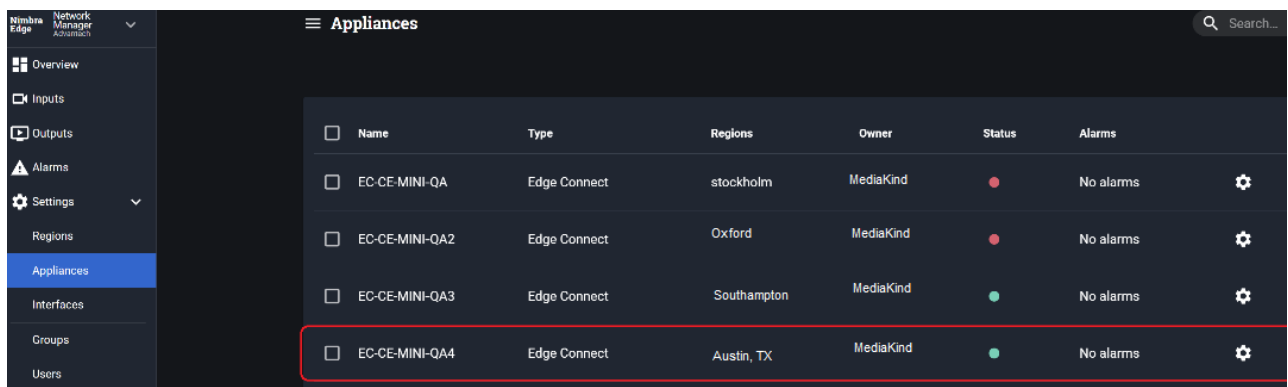
4. Enter the secret key, unit name, and unit admin then click on install to install the latest service package. (This step is only needed on the first-time the unit connects to netinsight).



- After installation click on submit. The service should start automatically, if the service does not start, click on start again.



- Login (or ask the broadcaster to verify this step) to Nimbra Edge, the user should be able to see the appliances that user just created under **Settings -> appliances**.

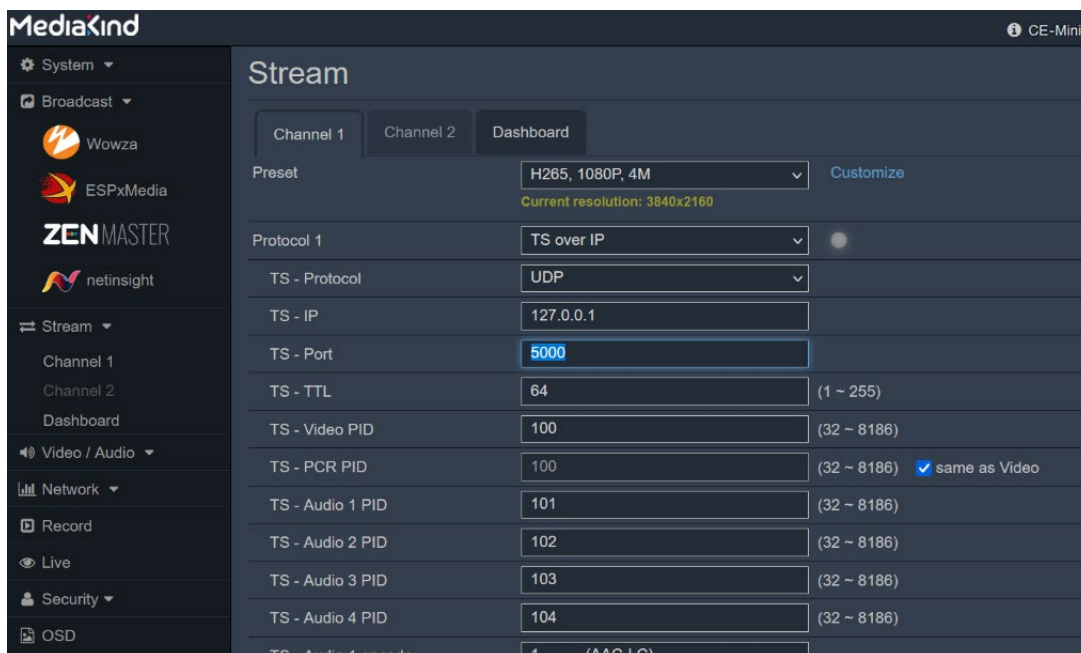


## 2.1. Create New Inputs (UDP)

To create new inputs, follow these steps:

- Go to the CE-Mini web interface.
- Select **Stream -> Channel 1** then select the required resolution and bitrate.
- Select **Protocol 1 TS over IP**, select **TS -Protocol UDP**.
- Set the TS-IP address to **127.0.0.1**.

5. Set a desired port number and click **Submit**.



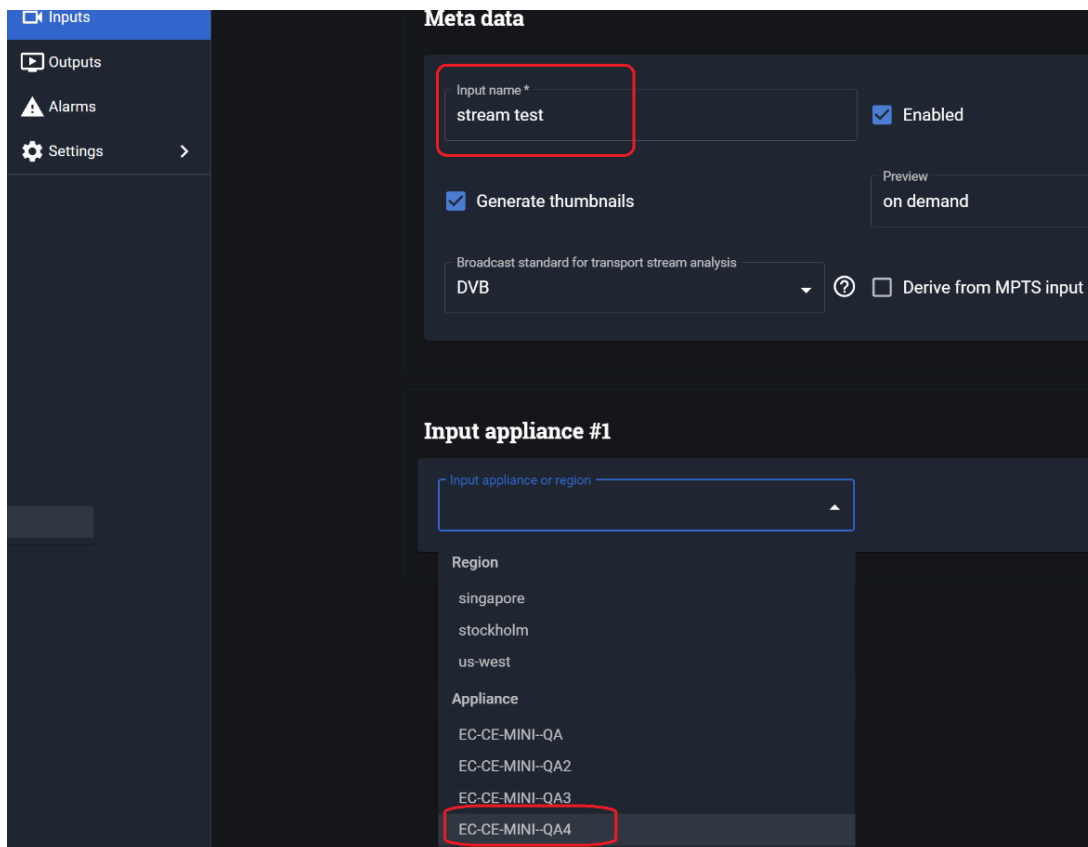
## 2.2. Use the Stream as an input on Nimbra Edge cloud

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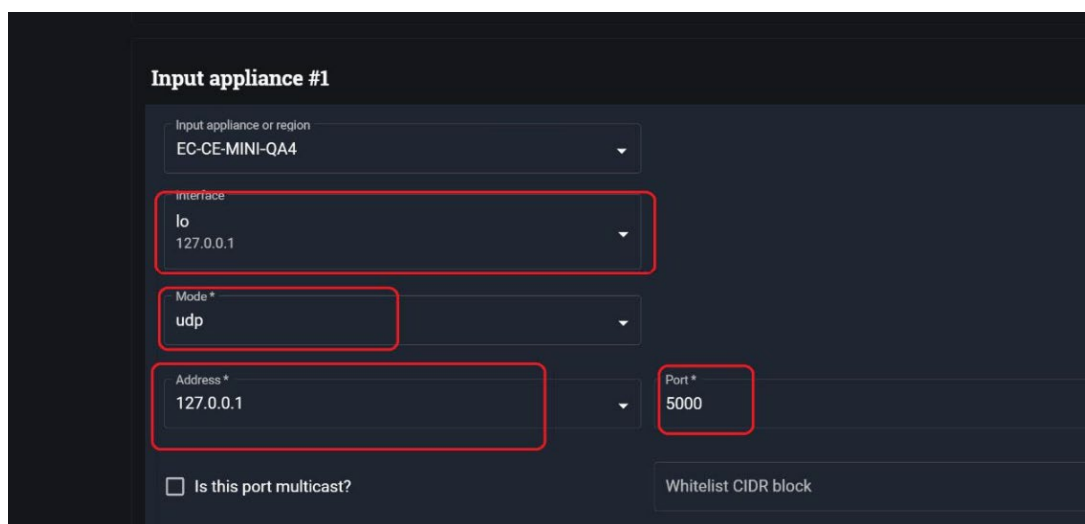
**NOTE:** These steps may need to be performed by the broadcaster who routes the CE-Mini feeds into their network or to be routing to another network.

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1. Go to Nimbra Edge web page. Click **Inputs** then **Create input**.
2. Enter a stream name and select the input appliance that user just created.



- Set the interface to **lo**, mod to **udp**, address to **127.0.0.1**, and the port number should match with the setting on CE-Mini. Click on Save.



- The user will be able to see the steam with thumbnail on the webpage under inputs.

