

EZDRM Integration Flussonic

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Introduction

After installation of the Flussonic server following the Quick Start Guide, you can encrypt using DRM with the EZDRM integration:

<https://flussonic.com/en-us/doc/quick-start>

For more in-depth instructions with the Flussonic EZDRM Integration visit:

<https://flussonic.com/en-us/doc/content-protection-with-drm/ezdrm>

EZDRM CPIX format for key transfer

Flussonic Server

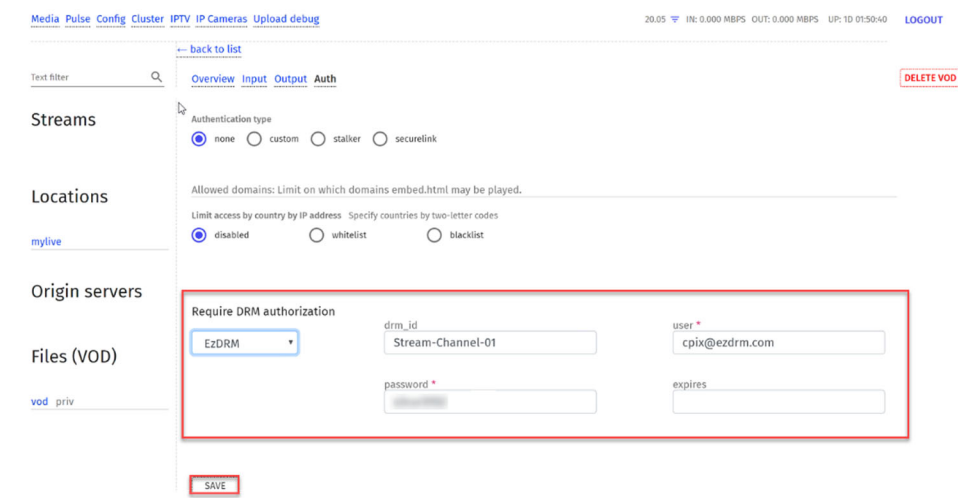
1. Login to the Flussonic server
2. Click on **vod** under **Files (VOD)** to add to your vod assets.

The screenshot shows the Flussonic server dashboard. At the top, there are navigation tabs: Media, Pulse, Config, Cluster, IPTV, IP Cameras, and Upload debug. On the right, there are status indicators: 20.05, IN: 0.000 MBPS, OUT: 0.000 MBPS, UP: 10 01:50:40, and a LOGOUT button. Below the navigation is a search bar and status filters: ONLINE (0), WAITING (0), ERROR (0), WITH DVR (0), and TRANSCODED (0). The main content area is divided into three sections: 'Publishing locations' with a table containing one entry 'mylive'; 'Origin servers' with an 'ADD' button; and 'Files (VOD)' with a table containing one entry 'vod' which is highlighted with a red box. The 'vod' entry has columns for 'file', 'status', 'clients', and 'workers'.

3. Click **Auth**

The screenshot shows the 'Auth' configuration page for the 'vod' asset. At the top, there are navigation tabs: Media, Pulse, Config, Cluster, IPTV, IP Cameras, and Upload debug. On the right, there are status indicators: 20.05, IN: 0.000 MBPS, OUT: 0.000 MBPS, UP: 10 01:50:40, and a LOGOUT button. Below the navigation is a search bar and a 'back to list' link. The main content area is divided into two sections: 'Streams' and 'Locations'. The 'Streams' section has a table with one entry 'vod' and a 'DISABLE' button. The 'Locations' section has a table with one entry 'vod' and a 'REMOVE' button. The 'Auth' tab is highlighted with a red box. The 'Auth' configuration form includes fields for 'Name' (vod), 'Description', 'Path 1' (priv), and 'New path'. There is a 'SAVE' button at the bottom of the form.

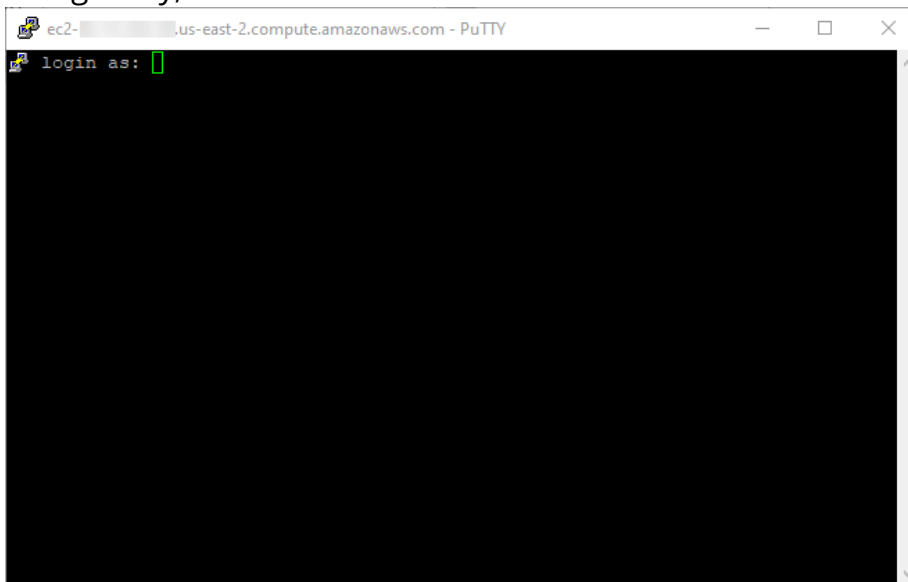
4. Select **EZDRM** as the DRM provider under “Require DRM Authorization” (not EZDRM Classic).
5. Enter `drm_id` or stream name, if left blank it will take the name of the stream.
6. Enter username under **user** field and password under the **password** field.
7. The **expires** field is for custom implementation of key rotation.



8. Click **Save**.

Command Line Configuration

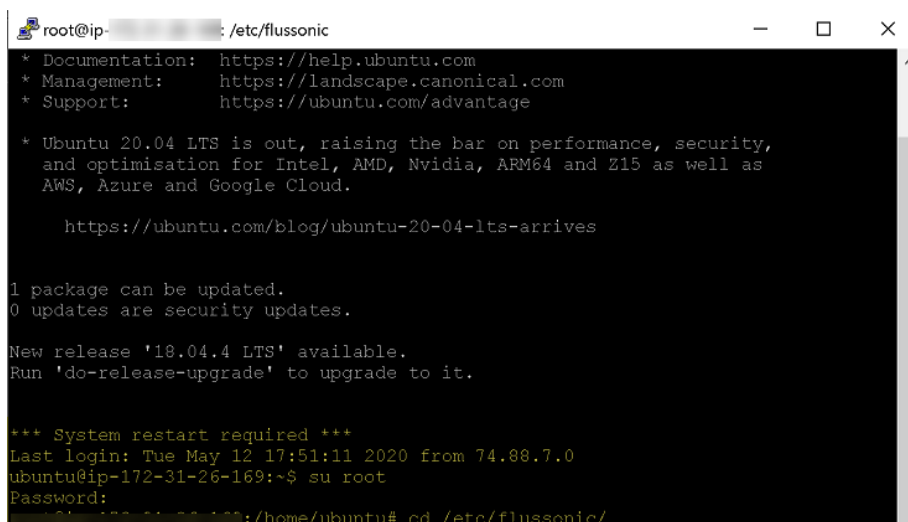
1. Using Putty, SSH into the Flussonic server.



2. Login to the server.



```
ec2-... us-east-2.compute.amazonaws.com - PuTTY
login as: ubuntu
```



```
root@ip-...: /etc/flussonic
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage

* Ubuntu 20.04 LTS is out, raising the bar on performance, security,
and optimisation for Intel, AMD, Nvidia, ARM64 and Z15 as well as
AWS, Azure and Google Cloud.

https://ubuntu.com/blog/ubuntu-20-04-lts-arrives

1 package can be updated.
0 updates are security updates.

New release '18.04.4 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
Last login: Tue May 12 17:51:11 2020 from 74.88.7.0
ubuntu@ip-172-31-26-169:~$ su root
Password:
root@ip-172-31-26-169:~/home/ubuntu# cd /etc/flussonic/
```

3. Navigate to the Flussonic directory `cd /etc/Flussonic/`

4. Enter `cat Flussonic.conf` to show files

```

root@ip-172-31-26-169: /etc/flussonic
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root@ip-172-31-26-169:~/home/ubuntu# cd /etc/flussonic/
root@ip-172-31-26-169:/etc/flussonic# cat flussonic.conf

```

5. Modify settings under #VOD in the configuration file based on Flussonic instructions found here: <https://flussonic.com/en-us/doc/content-protection-with-drm/ezdrm>

```

root@ip-172-31-26-169: /etc/flussonic
# Remote sources:

# Ingest streams:

# Dynamic rewrites:

# Publish locations:
live mylive {
}

# Disk file caches:

# VOD locations:
file vod {
  path priv;
  meta drm_id "Stream01";
  drm ezdrm password="password" user="user@ezdrm.com";
}

# DVB cards:

# Plugins:

root@ip-172-31-26-169:/etc/flussonic#

```

- Modify the config file to add this line:
`drm ezdrm password="password" user="user@ezdrm.com";`
- This line is optional, it can be left blank.
`meta drm_id "Stream01";`

```
# VOD locations;
File vod {
  Path priv;
  meta drm_id " ";
  drm ezdrm password="password" user="user@ezdrm.com";
}
```

Additional Information

For additional questions and comments please contact: simplify@ezdrm.com