Ant Media, Jellyfin, Cockpit

Usage instructions:

1.   Launch the product via 1-click from AWS Marketplace. **Wait** until the instance status changes to 'Running' and passes all health checks. Then, connect to your instance using your Amazon private key and the '**ubuntu**' user."

   To update software, use: **sudo apt update && sudo apt upgrade -y**

This preconfigured Ubuntu 24.04 server includes:

✅ Services Automatically Start on Boot:

- Ant Media Server

- Jellyfin (via Docker Compose with restart policy)

- Cockpit GUI

- Docker service

Once your instance is launched, follow the steps below to begin:

🌐 Step 1: Access Web Interfaces

📺 1. **Ant Media Server (Live Streaming)**

  URL: **http://your_instance_public_ip:5080**

you will be prompted to **create your admin account** by entering:

- First Name

- Last Name

- Email Address (used as your username)

- Password (you choose it)

After submitting the form, you'll be taken to the login screen. Use your **email + password** to sign in.

Password: admin (you will be prompted to change)

Use this for:

- Live broadcasting via WebRTC or RTMP

- HLS playback, OBS integration, or stream relay

📁 2. **Jellyfin Media Server (On-Demand Media)**

   URL: **http://your_instance_public_ip:8096**

Use this for:

- Hosting and watching your personal collection of movies, shows, or music

- Accessible via browser, Jellyfin mobile apps, or smart TV apps

Initial setup steps:

- Create an admin user

- Add your media folder: `/media` (linked to `/home/ubuntu/media` on the server)

🛠 3. **Cockpit Web GUI (System Dashboard)**

Set Password for Cockpit Access: To log into Cockpit, you must set a password for the `ubuntu` user.

- SSH into your server and run:

    sudo passwd ubuntu

  Enter and confirm your new password.

Then return to: **https://your_instance_public_ip:9090**

- Username: ubuntu
- Password: (the one you just set up)

🎞 Media Folder

All media added to this folder will be available to Jellyfin:

cd /home/ubuntu/media

You can upload media via:

- SCP / SFTP (e.g., using FileZilla or `scp`)

- Web-based Cockpit file manager

- Mounted volumes (advanced)

♡ Security Notes

- This AMI does NOT include any default passwords. All system accounts require you to set passwords manually.

- SSH access is key-only by default (password login is disabled).

- Docker is preinstalled and Jellyfin runs as a Docker container with auto-start enabled.

- Ant Media Server and Cockpit are installed as native system services and start automatically on reboot.

AWS Data

- Data Encryption Configuration: This solution does not encrypt data within the running instance.

- User Credentials are stored: /root/.ssh/authorized_keys & /home/ubuntu/.ssh/authorized_keys

- Monitor the health:

    o Navigate to your Amazon EC2 console and verify that you're in the correct region.

    o Choose Instance and select your launched instance.

    o Select the server to display your metadata page and choose the Status checks tab at the bottom of the page to review if your status checks passed or failed.

Extra Information: (Optional)

Allocate Elastic IP

To ensure that your instance **keeps its IP during restarts** that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.
7. Your instance now has an elastic IP associated with it.
8. For additional help: https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html