

# Installation of a VOD server

## Step 1: Installing the VLC media server

- `apt-get install vlc`

## Step 2: Launching the VLC server

- `vlc --ttl 12 --vvv --color -I telnet --telnet-password videolan --rtsp-host 127.0.0.1 -rtsp-port 5554`

127.0.0.1 is the IP address of your machine and 5554 is the listening port for client requests.

- edit `/usr/bin/vlc` and replace `geteuid` with `getppid`: `sed -i "s/geteuid/getppid/g" /usr/bin/vlc`

## Step 3: Adding videos to VOD availability

In order to perform this operation, it is necessary to connect with the telnet tool to the previously launched server:

- `telnet 127.0.0.1 4212` (default password="admin" or "videolan")

**Note:** by default, the vlc server listens on port 4212 to receive command lines

To add a video, you just have to type the following two lines (to be adapted according to your case).

```
Example:  
new Cash vod enabled  
setup Cash input /home/ngn-lab/Téléchargements/Cash.avi
```

To check if the addition was successful, the `show` command will allow you to view all the videos available on demand: `"show"`.

Instead of adding video by using telnet, you can store configuration in a file and add it as argument when launching the vlc server.

```
Example:  
vlc --ttl 12 --vvv --color -I telnet --telnet-password videolan --vlm-conf  
/home/ngn-lab/vlm.conf --rtsp-host 127.0.0.1 --rtsp-port 5554
```

## Step 4: Test the VoD

Launch from the terminal: `sudo vlc rtsp://127.0.0.1:5554/Cash`