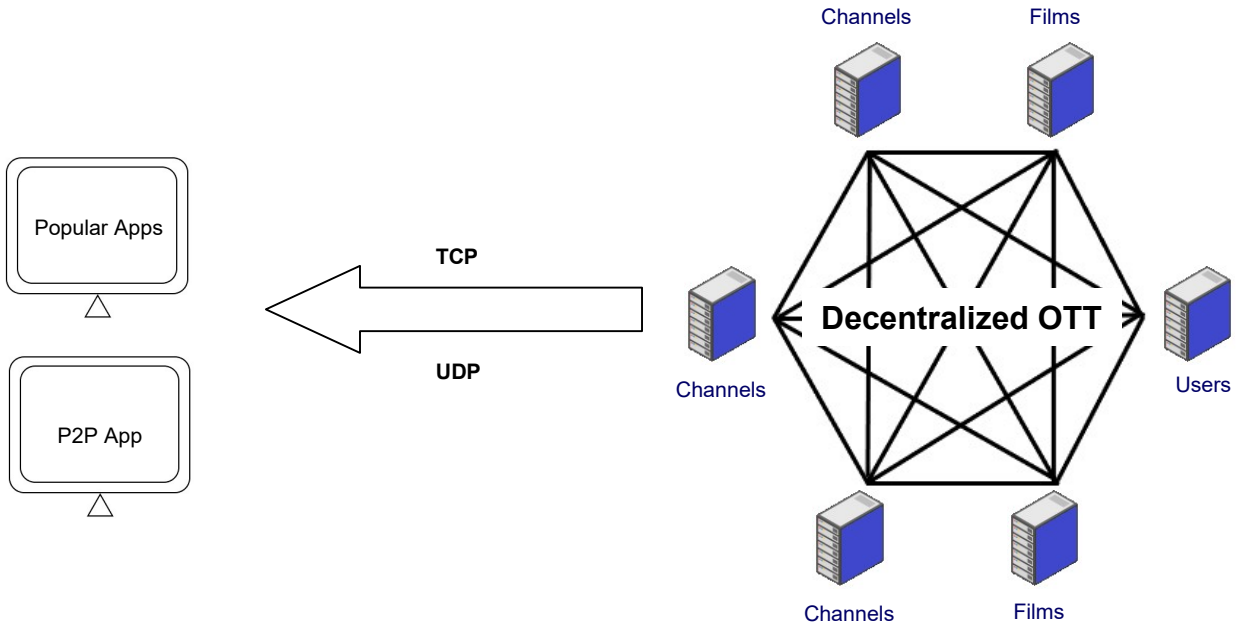
Ezserver 6.0

Decentralized OTT Platform

Introduction

- An OTT Platform that enables you to distribute users, content across decentralized servers.
- Support TCP for OTT and UDP for P2P Services.

Decentralized OTT



Decentralized OTT Setup

1st step: Rent Servers

- Rent at least 3 servers
  - CPU: at least 4 cores
  - RAM: at least 16 GB
  - Storage: at least 2GB, Film server depends on Films number
  - Bandwidth at least 1GB bps
- Install Ezserver into all servers
- Master server for one Channel server
- Slave servers for other servers as User / Film Servers

2nd step Master Server

Channel server

- Click Management:Setting
- Disable Main/Slave Node
- Set Master Domain name / Control port
- Set Group ID same as Master Server
- Add Channel list via m3u link or manually
- Restart Server (./restart.sh in ssh console)

3rd step: User Server

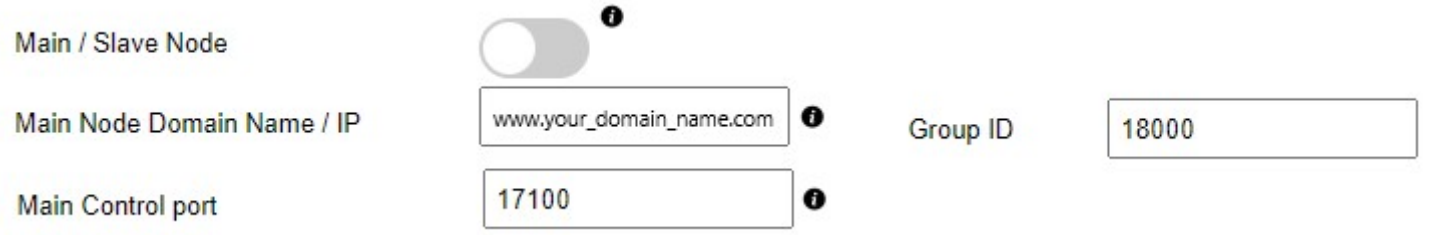
This server is hidden behind OTT service

- Click Management:Setting
- Disable Main/Slave Node
- Set Master Domain name / Control port
- Set Group ID same as Master Server
- Delete all content (channel, movie, series)
- Add Users
- Restart Server (./restart.sh in ssh console)

4th step: VOD Server

Film Server

- Click Management:Setting
- Disable Main/Slave Node
- Set Master Domain name / Control port
- Set Group ID same as Master Server
- Refer Tutorial: Work Folder Section to upload content
- Restart Server (./restart.sh in ssh console)



5th step: Server Verification

- Login Master Panel
- Click Connection:Manage Node
- Check Node List

Node List

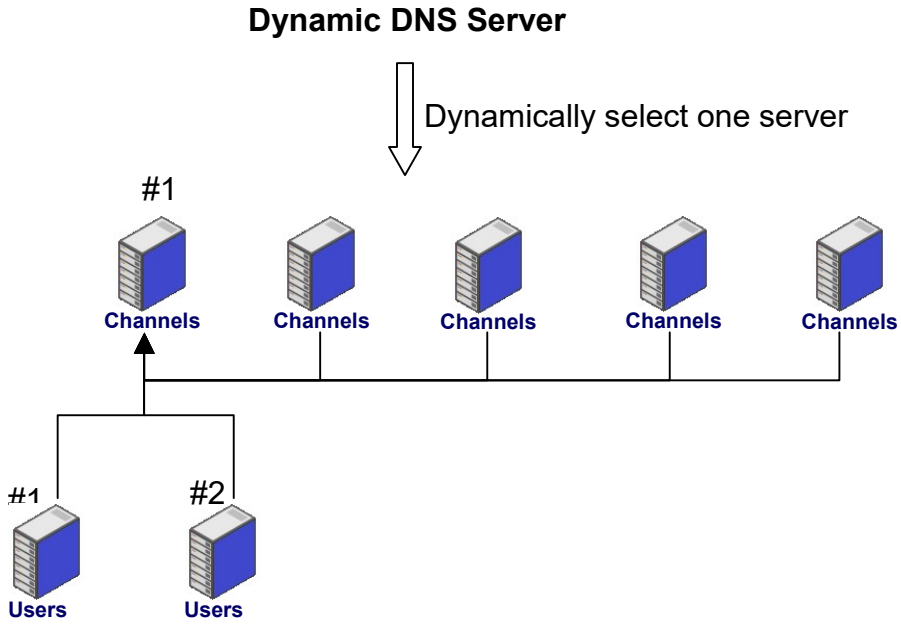
No.	Type	IP	Region	Group ID
1	User Server	51.75.72.101	Europe	18000
2	Content Server	51.75.72.102	Europe	18000
3	Content Server	51.75.72.103	Europe	18000

Showing 1 to 3 of 3 nodes

6th step: DDNS Configuration

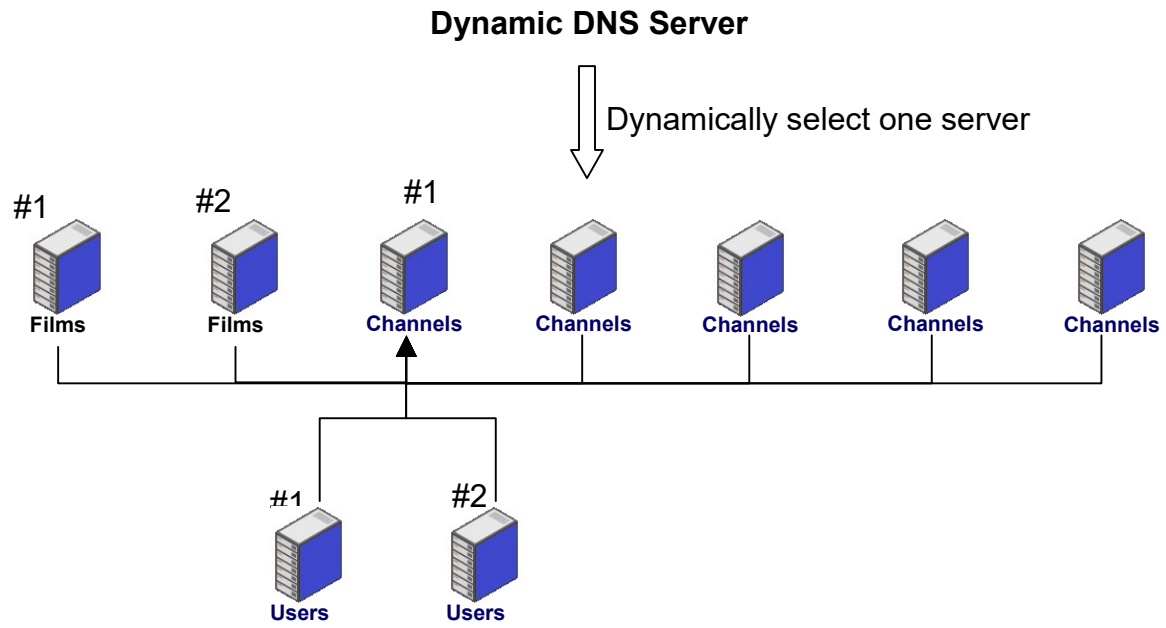
- Go to your DDNS register server
- Set all server IPs except User servers

7th step: Decentralized OTT Study Case #1



- Set Channel #1 server for master server and other servers connect it to get blockchain information in booting time.
- User servers are hidden behind Channel #1 server.
- Players connect Dynamic DNS Server and forward dynamically to one of channel servers.
- **If User #1 server is down**, channel servers base blockchain information to get User #2 servers.
- **If Channel #1 server is down**, other channel servers base on blockchain information to get user servers.

8th step: Decentralized OTT Study Case #2



- Set Channel #1 server for master server and other servers connect it to get blockchain information in booting time.
- User servers are hidden behind Channel #1 server.
- Players connect Dynamic DNS Server and forward dynamically to one of channel / films servers.
- **If User #1 server is down**, other servers base blockchain information to get User #2 servers.
- **If Channel #1 server is down**, other servers base on blockchain information to get user servers.
- **If Film #1 server is down**, other servers base on blockchain information to get Film #2 server.

Ezserver Installation