# Ezserver 6.0

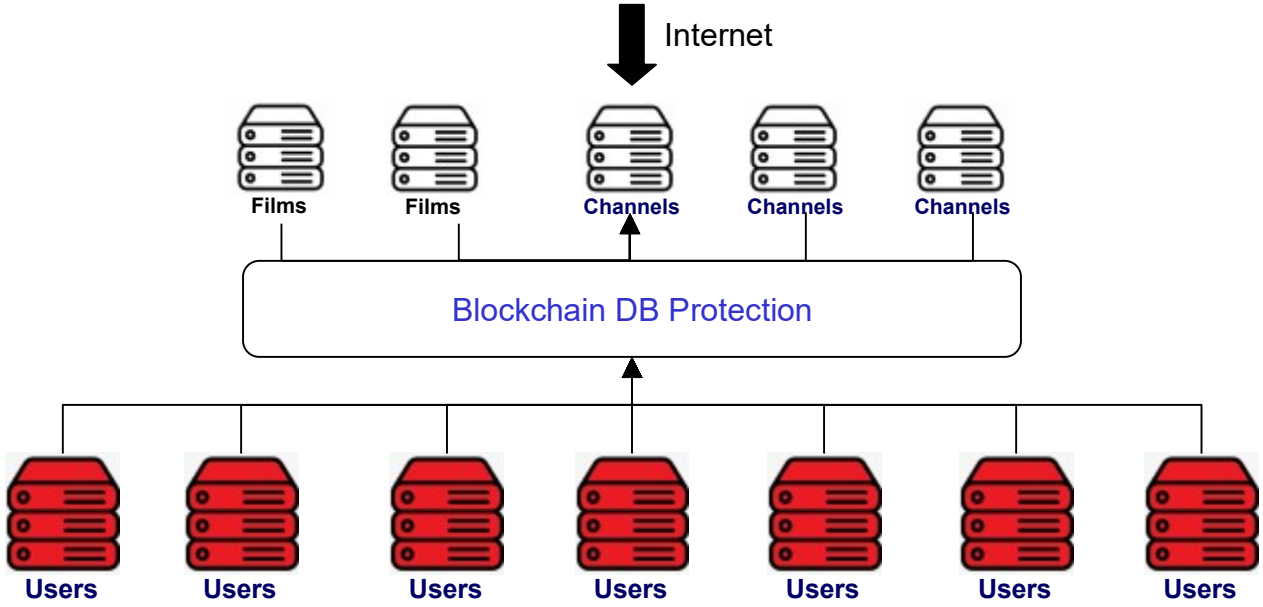
Hides user server locations from hackers

# Ezserver

An OTT Platform leveraging blockchain technology, Ezserver creates a decentralized network that protects user servers from potential hacker attacks, making it more secure and resilient.

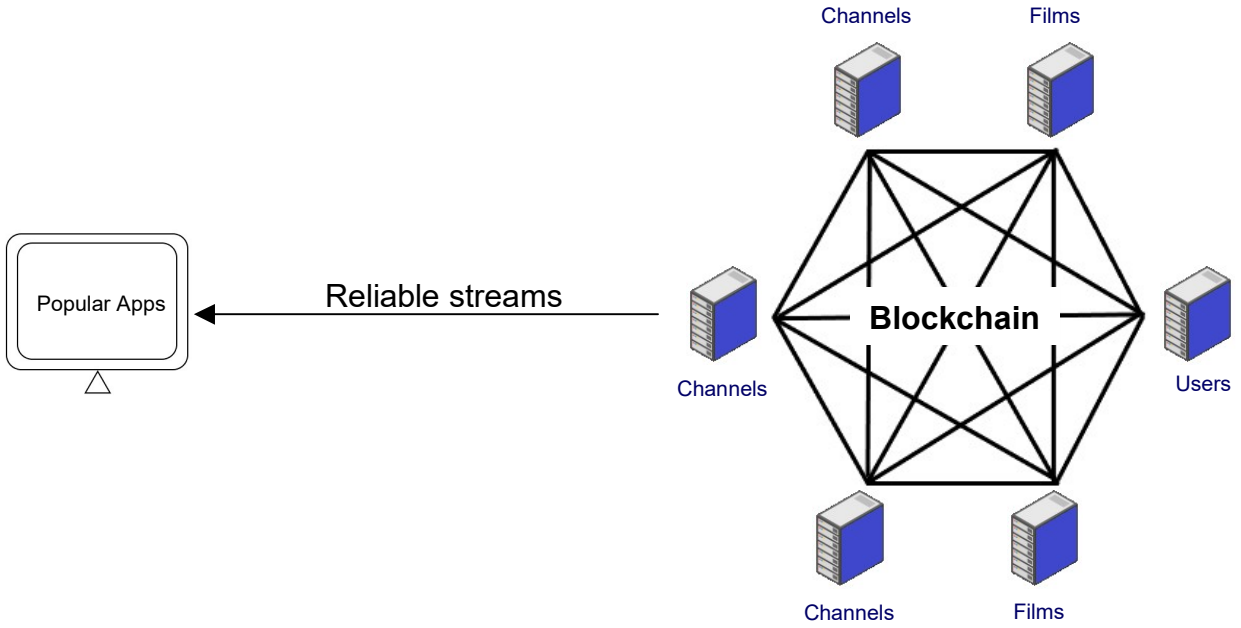
# Hides user server locations from hackers

*Hackers cannot determine the location of user servers.*




***Distribute users across decentralized servers.***

# 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

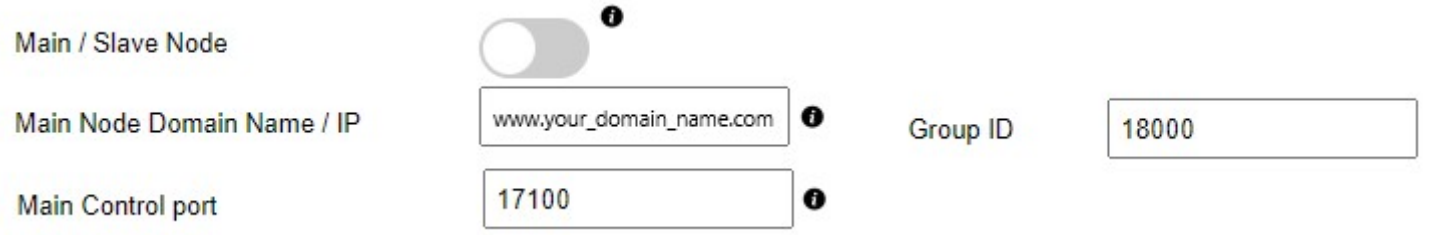
**This server is hidden behind OTT service**

- 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 and restart server (./restart.sh in ssh console)
- Set Firewall for Main and Content Servers Only

# 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**

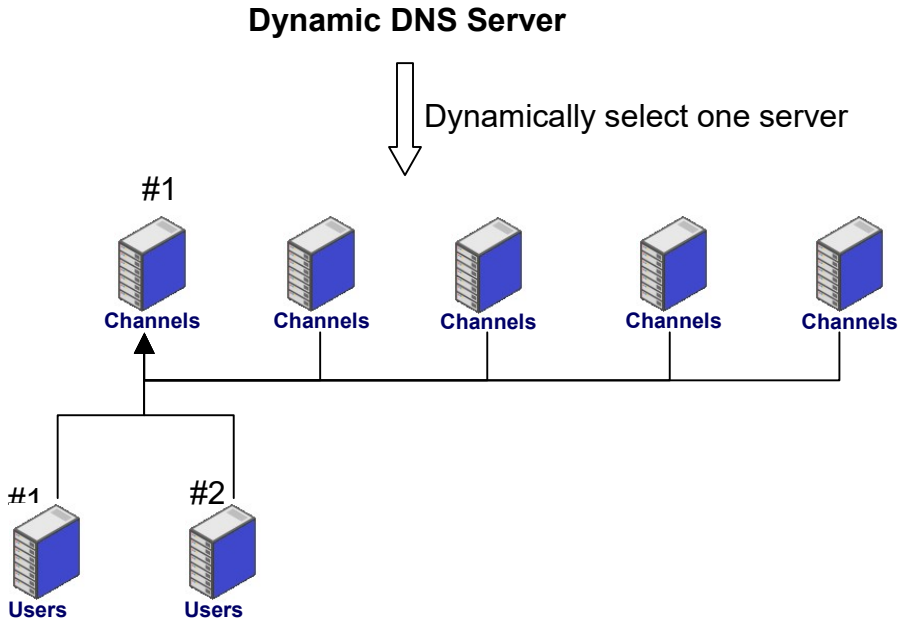
| No. | Type | IP | Region | Group ID |
|---|---|---|---|---|
| 1 | User Server | 51.75.72.101 | Europe | 18000 |
| 2 | Content Server | 51.75.72.102 | Europe | 18000 |
| 3 | Content Server | 51.75.72.103 | Europe | 18000 |

Showing 1 to 3 of 3 nodes

# 6th step: DDNS Configuration

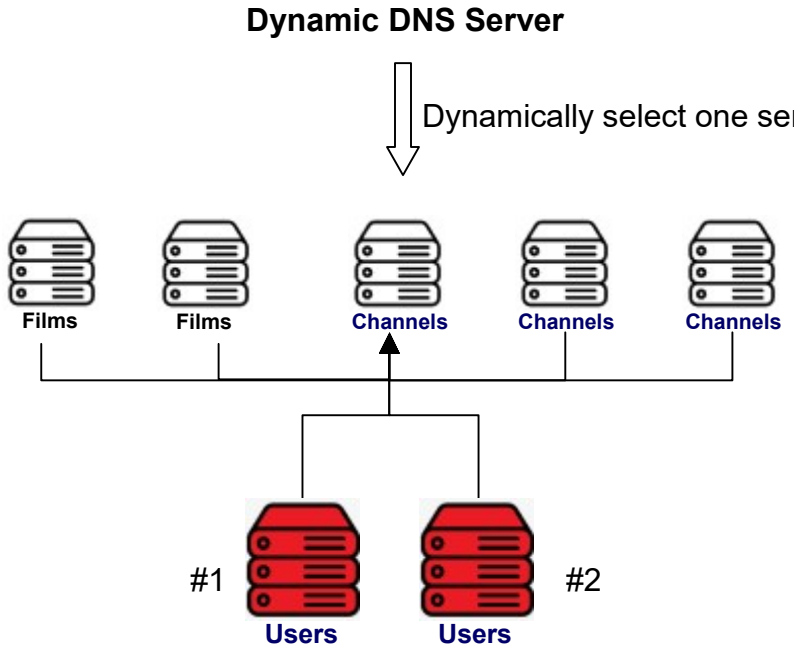
- Go to your DDNS register server
- Set all server IPs except User servers

# 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