

Do you want to get 40 Tbps?

Content Delivery Network (CDN)

Because we own and operate one of the

WORLD'S LARGEST NETWORKS

Our customers are assured their **digital content is superbly delivered on any device, anywhere in the world**



- 2.5+ MILLION server compute capacity
- 9+ tbps egress

- 3.05+ BILLION objects per hour
- 20+ PETABYTES cloud storage

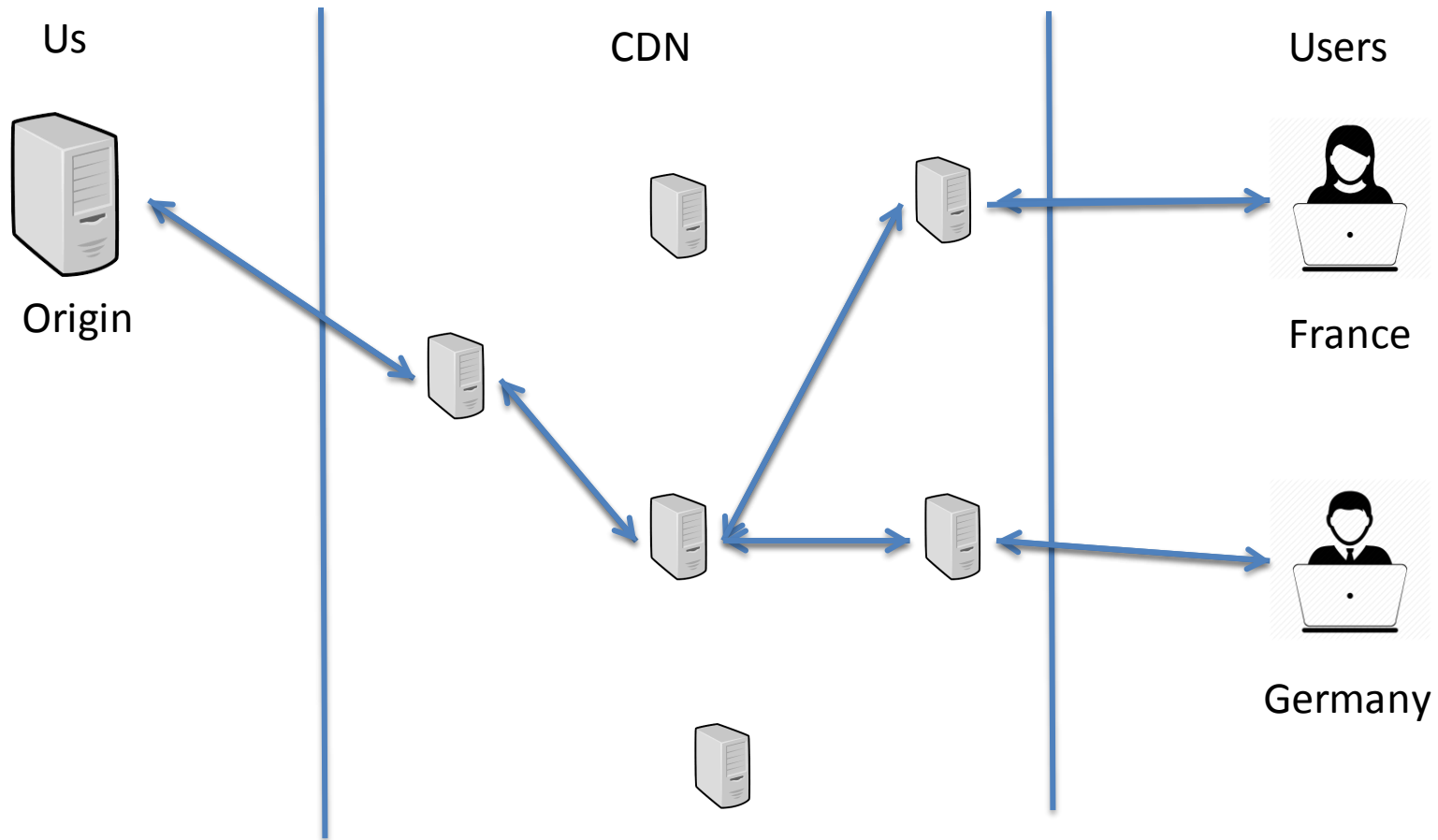
- 80+ POPs
- 15,000+ servers
- #1 or #2 performance in 26+ countries



Use cases

- Efficient delivery of the content
- Video streaming
 - Live or Video On Demand
- DoS attacks

How it works



Big Players

- Akamai – 1000 POP
- **Limelight Networks – 15k Servers in over 80 locations and pears with 900 ISPs globally**
- Level3 ~60 POPs
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Who is/not using it?

- Apple
- Microsoft
- Adobe
- CERN 😊
- ...
- Netflix escaped from CDNs, building their own CDN <https://openconnect.netflix.com> - NGiNX servers

Features & billing

- Push/Pull
- Management, Support, Transcoding, protocols
...
- You are paying for the feature/month and
Data trasfered.
- Usually 0.X \$ or 0.0X \$ per GB - depending on
the volume.

CERN

- Limelight Networks
- 3 years contract for 40 TB
- Used Push, but switched last week to Pull
- Higgs update – 04.07.2012
 - 50k peak simultaneous connections
 - 500k uniques viewers
 - Peak bandwidth 40 Gbps

Who needed 40 Tbps?

Questions ?