

The Future of Interconnection

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Interconnection From AKAMAI's Point of View

- Akamai is a highly distributed platform across 130+ countries
- Connected to 130+ IX worldwide
- Content aims to be as close as possible to the end-user
- Different models of interconnection
 - ON-NET (servers in an eyeballs network)
 - PNI
 - IX
 - Transit

The Future of Interconnection?

- More and more content will end up ON-NET and on PNI vs. on IX
- Traffic on IX will grow slower than on the rest of the internet
- IX will stay as an important part of the ecosystem for:
 - Direct connections to the long tail
 - Low traffic volumes
- Cloud-to-Cloud or Cloud-to-CDN traffic will be private and not on the public internet
 - **Content Owner** -> Cloud On-Ramp -> **Cloud** -> PNI -> **ON-NET**
 - Most of these links will be private and not go through the public internet
- The public internet will not cease to exist but the volume of the traffic will be in private networks

The Future of Internet Exchanges?

- More and more new IX are coming to the market
 - DECIX expansion, ect
 - Asteroid
 - Equinix
- Is IX competition in a metro always good or can it also lead to market fragmentation ?
- What is the IX value proposition in the future if the volume of the traffic stays private?

Questions?



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