

China Internet Exchange (Qianhai, Shenzhen)

New Member Introduction @ APIX #32

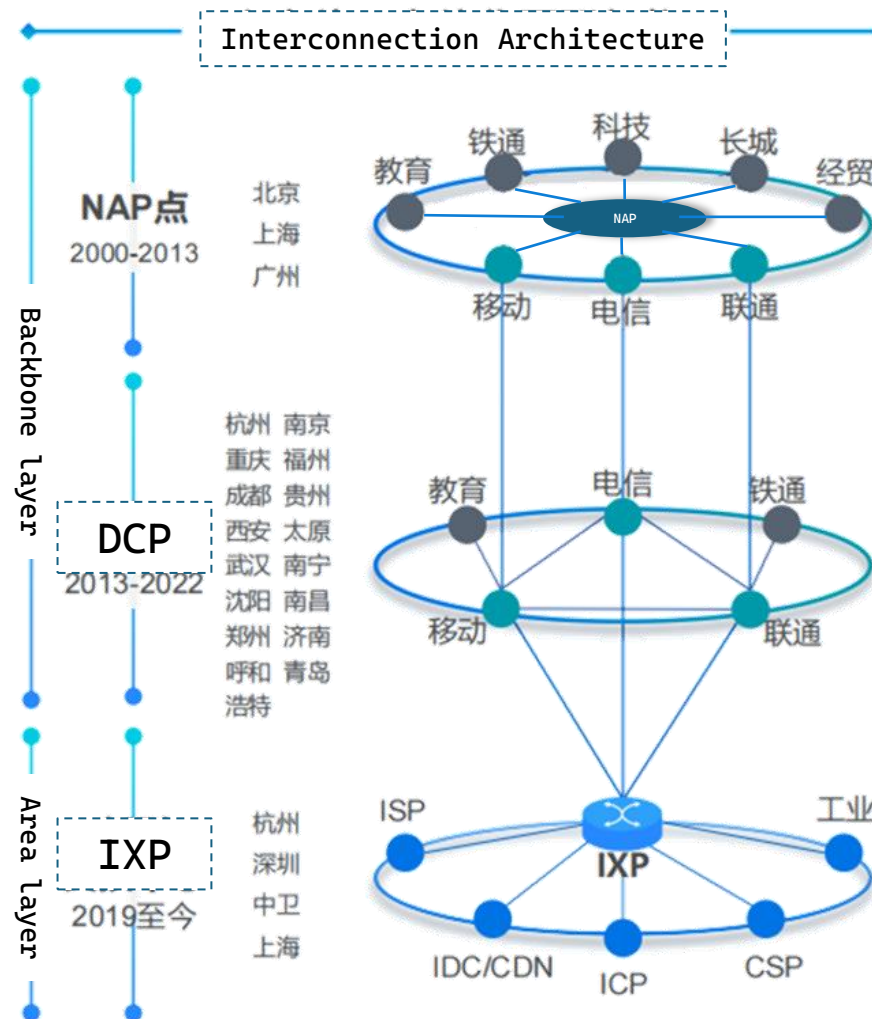
Speaker: Meng Yongxiang, Infrastructure Architect

Who we are?



- China Internet Exchange (Qianhai, Shenzhen)
 - Dec. 2020: Approved by MIIT as a pilot
 - Apr. 2021: Established in Shenzhen
- Pilot Principles
 - Neutral · Fair · Open · Low-margin
- Vision
 - Based in Shenzhen · Serving the GBA · Enabling Interconnection
- Role
 - Reform Pilot, Local Traffic Enabler, and Ecosystem Facilitator

China's Interconnection Journey

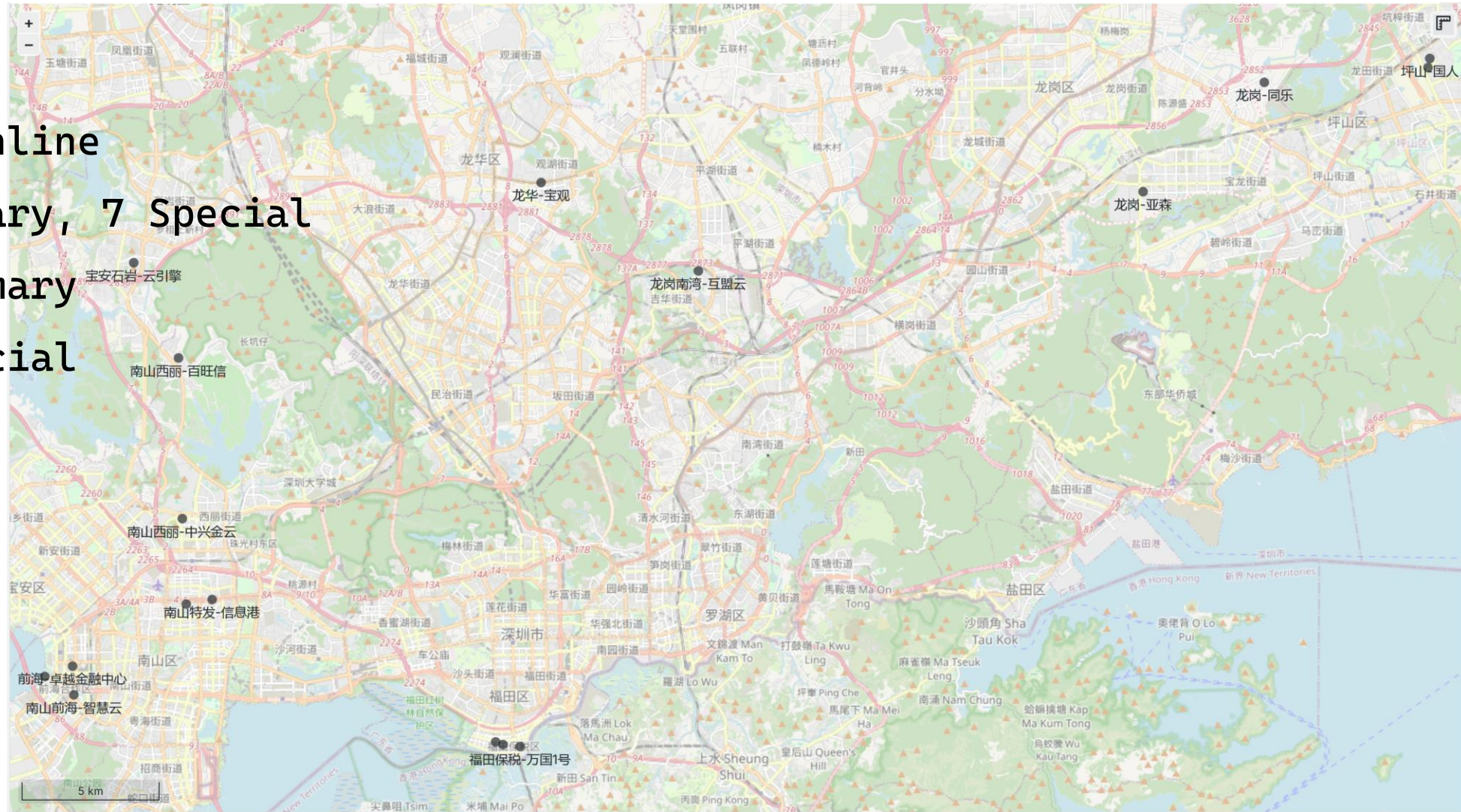


Our Infrastructure



Current Footprint

- Total: 19 PoPs Online
- Shenzhen: 8 Primary, 7 Special
- Guangzhou: 3 Primary
- Hong Kong: 1 Special



PART 02

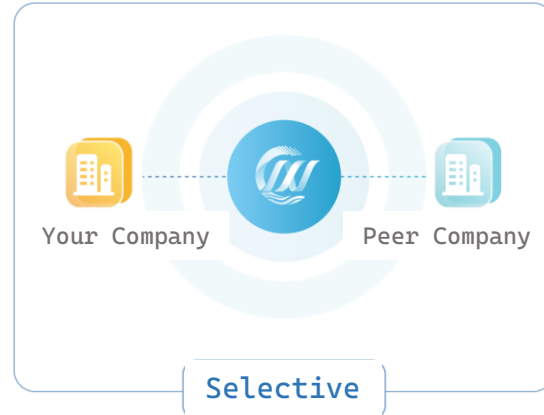
Products & Services

Peering & Transit

Peering



Route Server AS37968

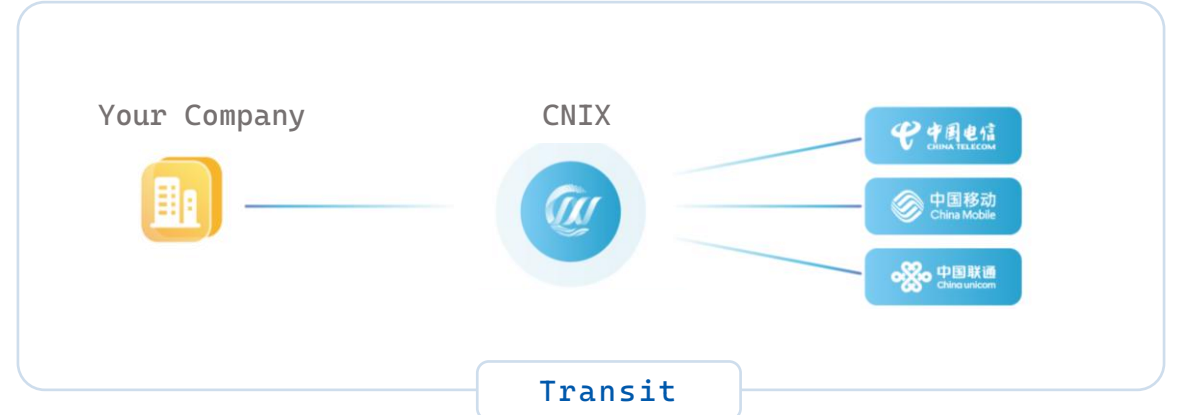


Bilateral BGP session

Advantages

- ⚡ Ultra-low latency: ~1 ms local, ~2 ms inter-city
- 🛡️ High reliability: dual room, multi-line redundancy
- 🕒 Fast response: 24/7 NOC & security support
- 🌐 Rich ecosystem: ICP, ISP, CSP, Cloud

Transit

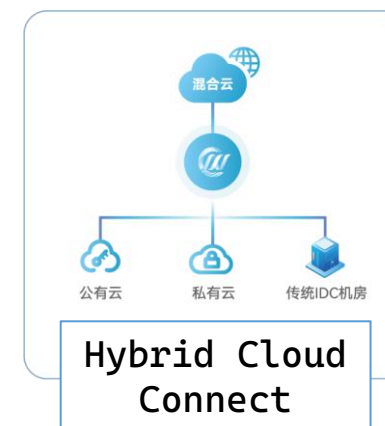
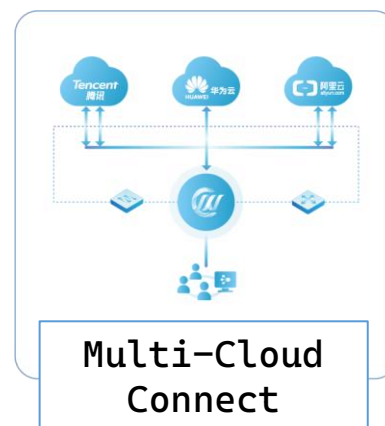
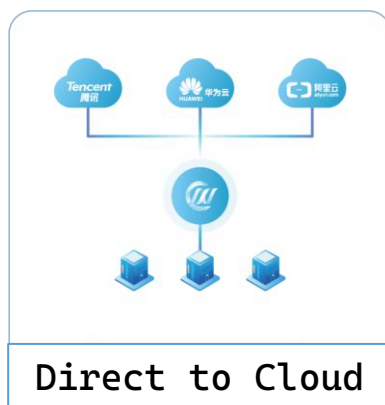


Connectivity to China's major eyeball networks
(CT, CM, CU)

Advantages

- 🔄 Independent choice: flexible carrier/product options
- 📈 Scalable bandwidth: 10 Mbit/s → 10 Gbit/s
- ⚡ Fast provisioning: no on-site construction required
- 🔄 Flexible networking: BGP & static supported

Cloud Connect

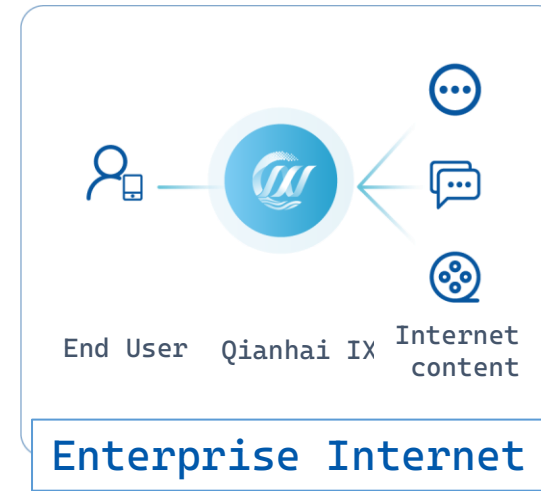


Private connection between enterprise networks and public clouds

Advantages

- 🌐 One access, multi-cloud: connected to major public clouds
- 🖥️ Flexible & on-demand: scalable bandwidth, customized service
- 🛡️ Secure & reliable: 24/7 network & security support

DIA Service



Benefits

- Optimized paths via IX to 3C carriers, clouds, and CDNs
- For ISP: better user experience, lower transit costs
- For Enterprise: faster access to Internet apps, video, gaming

Our Roadmap

-  Implement IX best practices
-  Advance network automation
-  Explore international cooperation
-  Expand regional footprint
-  Strengthen community engagement



Contact us

peeringsdb.com/ix/3733

tech@cnix.cn