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# The Hyper-Connected Era...

- Billions of devices are being connected to the Internet
  - Mobile devices, IoT devices (Home automation, Industry automation)
  - Nearly every object can have computing and connectivity build in
- Users increasingly expect more immersive expierences
  - Multi-device and virtual experiences (VR/AR)
  - Personalization through inteligent systems (AI/ML)
- Location and network availability are the most critical determinants of latency
  - End-to-end applications are becoming more latency sensitive and adaptive to run on increasingly distributed platform





# ...or the Zettabyte Age!

- Internet traffic prediction to reach 94 Zettabytes
  (94.000.000 PB) in 2022 to 149 Zettabytes in 2024
- Traffic demands are skyrocketing and become increasingly essential to business success. Hence,
   Enterprises are on the sharp-end of this information overload.





## The Enterprise Challenge





## The Enterprise Approach...



## **OPEX Driven**

- Flexible Agreements
- Everything As A Service

## Time To Market

- Automated Ordering and Provisioning
- To IXP, Clouds, and other services



## The Enterprise Approach



## Knowledge

- Peering Support to the right IXP and Peers
- Aggregation via single ASN

#### **Business Benefit**

- Move away from pure Latency and Throughput arguments
- Communities (Financial / Manufacturing)
- Conversion Rate / ROI calcualtions



## Vision for Virtual Connections including Peering

An open and trusted platform that enables connected data communities to interconnect instantly, to anyone or anything, enabling digital services / transformation.

- Provide environment for service providers and Enterprises to access digital services on demand
  - Secure, direct access to clouds & digital services
  - Hyperscalers, Internet Exchanges, digital platforms including SaaS
  - On demand access on demand SDN provisioning
  - On demand services no long-term contracts
  - Open to digital service providers
  - Single Port to multiple services



#### **Cloud Connect** ORACLE\* One port, multiple services CLOUD Google Cloud **(D)** IBM Cloud Azure Cloud aws Service **city**network **Public Clouds** Cloud Access Port 9 amsix Xlinx **DE-CIX** IX Peering Internet Exchanges Colocation 9 Remote Partner Services Sites Businesses **Providers Virtual Connect**



#### **Our Motivation**



- Enables partner Internet Exchanges (IX) to provide on demand IP services,
  driving adoption with enterprises.
- Develops new Internet Exchange (IX) product without competing with partners
- Create an open service fabric that allow Service Providers to offer their Products and Services to the wider community
- For the IXP community
  - Delivers the ability to attract enterprises to consume IXP services in remote markets
  - Delivers the ability to provide value added services to the enterprise market



## **Cloud Connect**

Software Defined Network - EMEA

100G Diverse backbone

100+ datacenters

16 markets

8 public clouds

35+ Internet exchanges









