Transformation of Peering in Middle East

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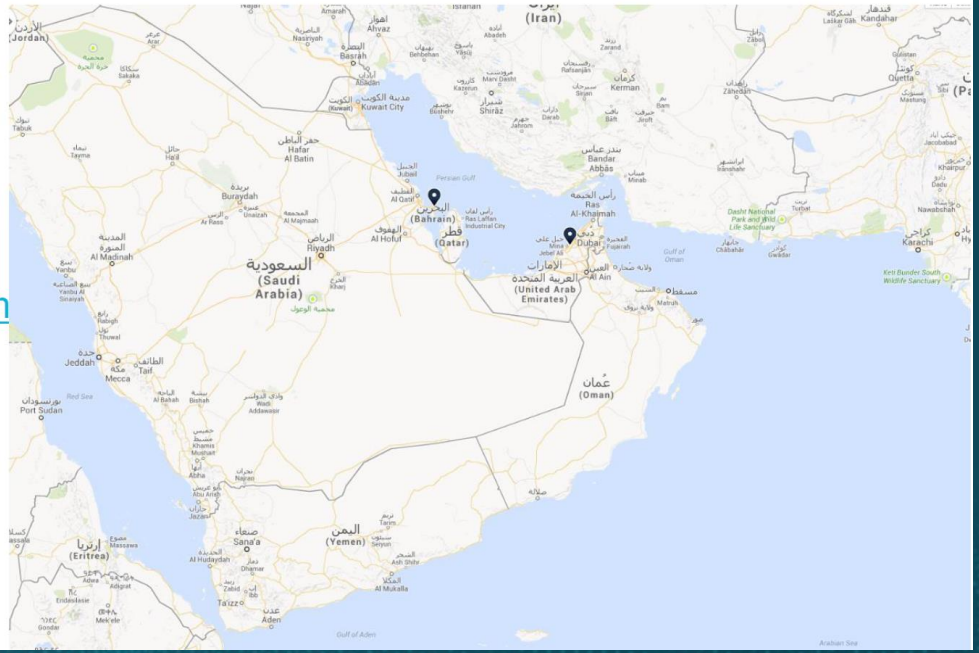
DE CIX

How it started 2012 / 2013

ME – a region without interconnects?

So gladly there is a base

source = http://www.internetexchangemap.com



Source: www.internetexchangemap.com, 2013

vs: Where are we today

30+ IXPs

Source: www.internetexchangemap.com, 4.11.2024

(some) Quantitative criteria for an IXP

Number of:

- → ASN
- → peak traffic
- → connected capacity
- → present IP-networks (prefixes)

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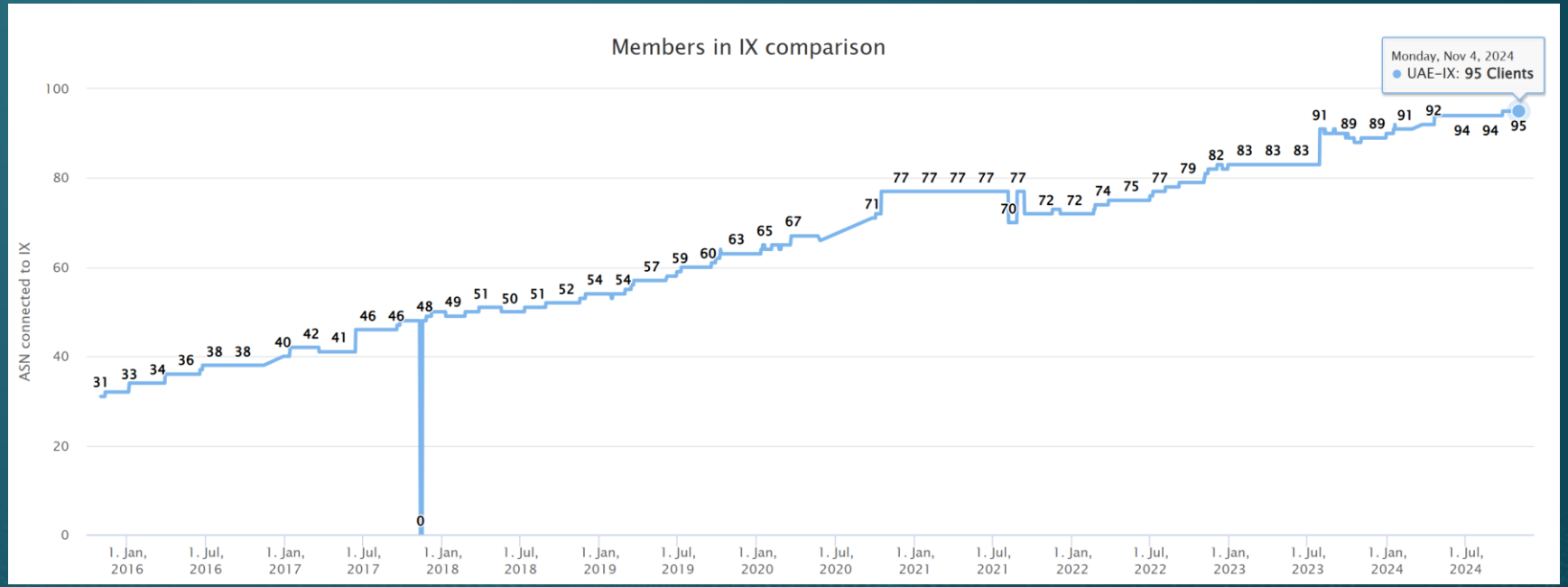
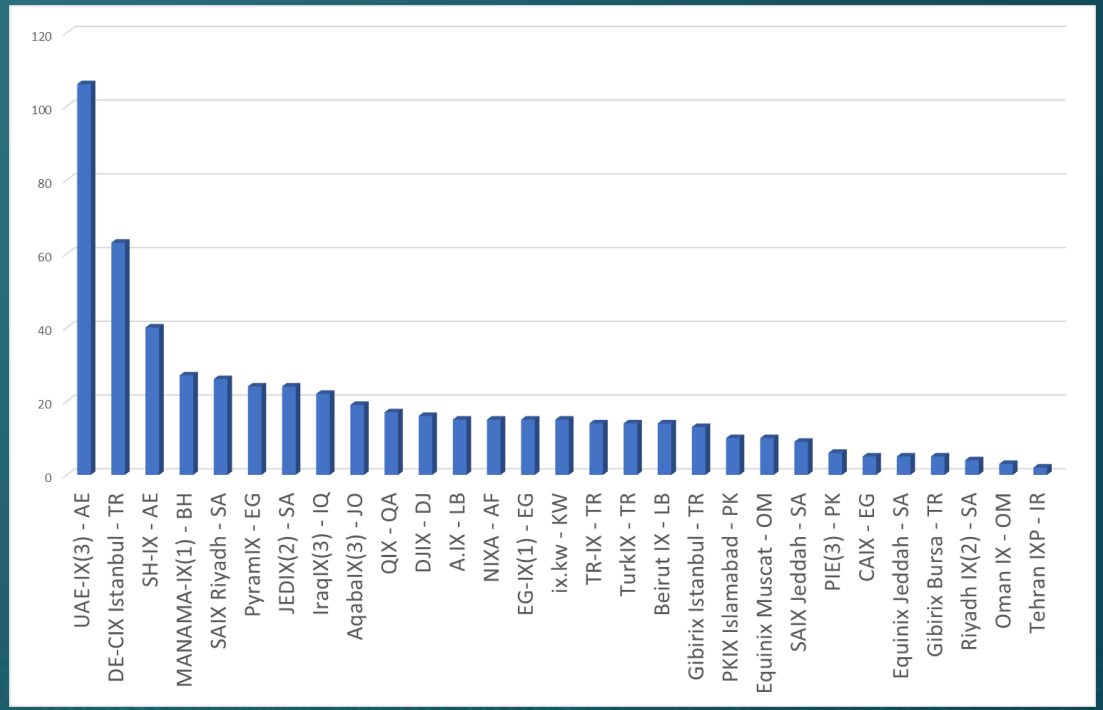
ASN increase at UAE-IX over time



Base = DE-CIX with data from peeringdb.com

ASN development in ME++

UAE-IX = 110



Base = DE-CIX with data from peeringdb.com + update from Homepage where available

DE-CIX

United IX initiative by TDRA

UAE-IX
110 ASN

SH-IX
40 ASN

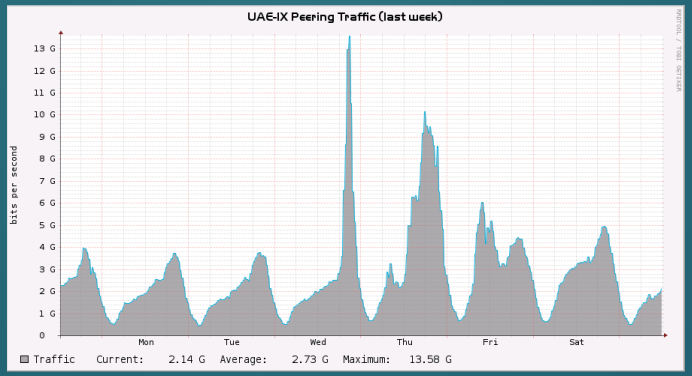
UAE-IX + SH-IX
114 unique ASN

Base = ASN Count at Homepage, 4.11.2024

Number of:

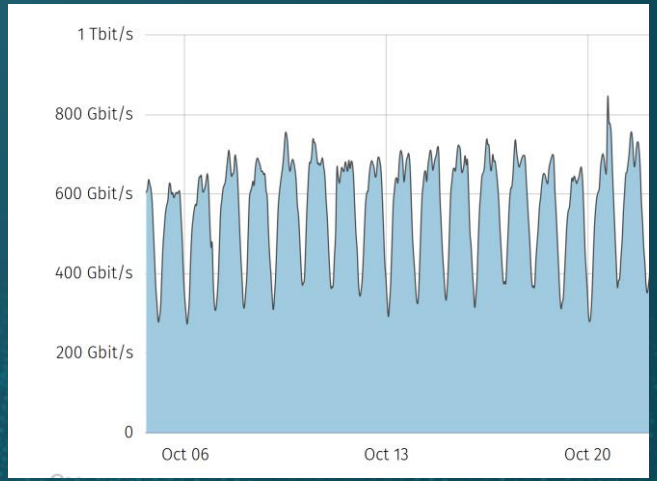
- ASN
- peak traffic
- connected capacity
- present IP-networks (prefixes)

Peak traffic development at UAE-IX



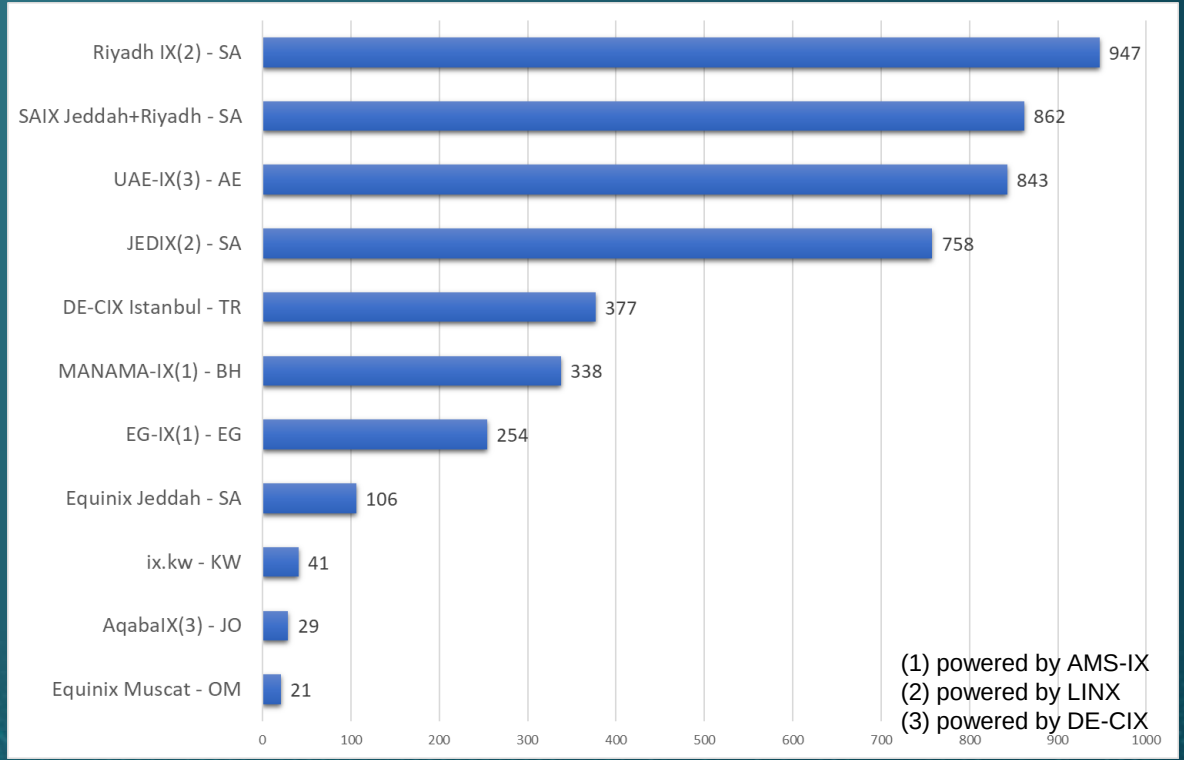
← From 13 Gbps in 2013

To 850 Gbps in 2024 →



From zero to multi-terabit peak traffic in ME

UAE-IX = 850



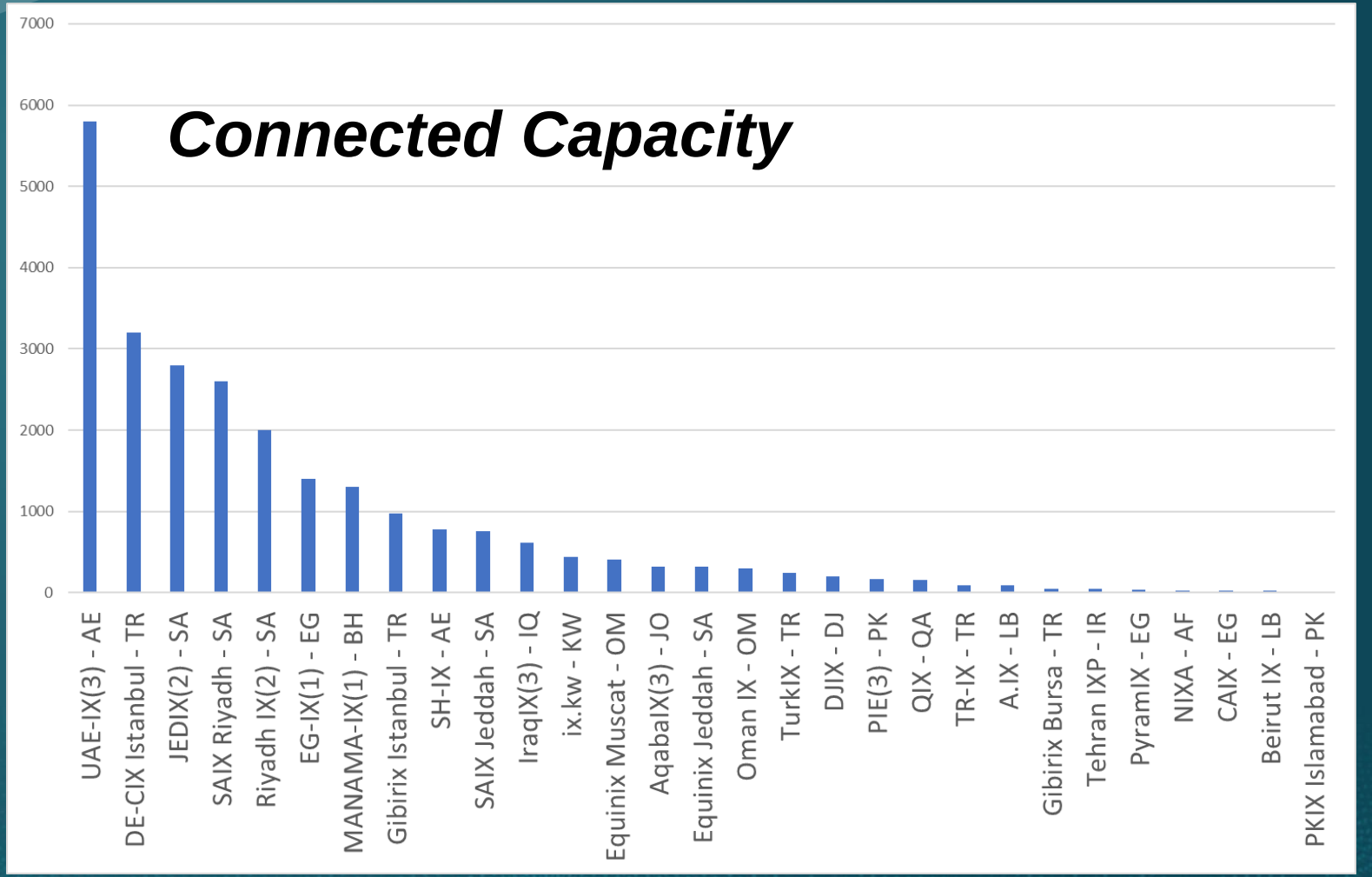
Gbps as per the Info on the Homepages, 4.11.2024

Number of:

- → ASN
- → peak traffic
- → connected capacity
- → present IP-networks (prefixes)

DE-CIX

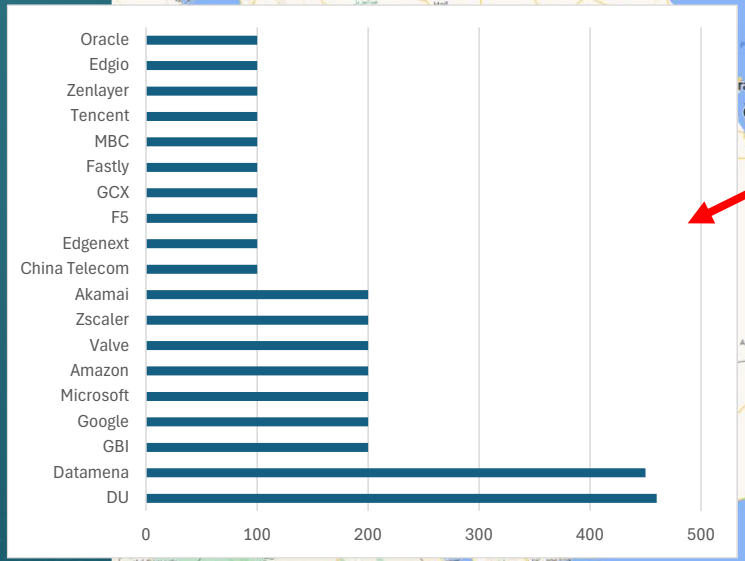
UAE-IX = 6 Tbps

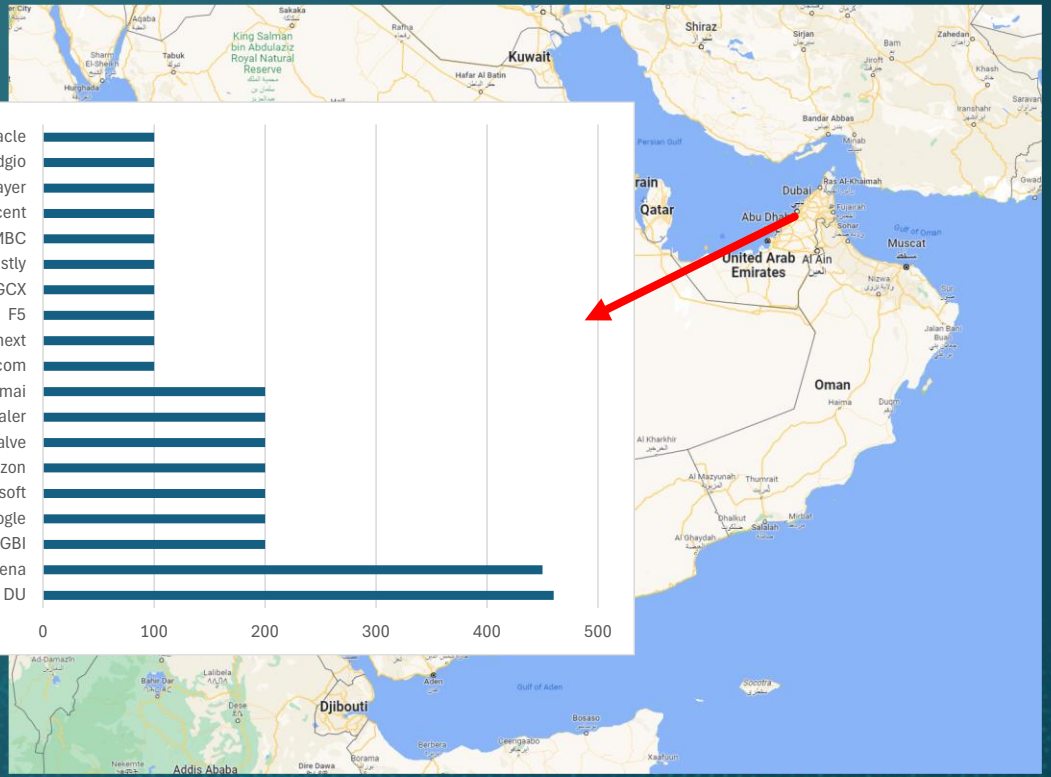


Base = DE-CIX with data from peeringdb.com + update from Homepage or internal accurate data where available

Which are the ones with n x 100 Gbps?

19 ASN with n x 100 at UAE-IX





Base = DE-CIX with data from peeringdb.com + update from Homepage or internal accurate data where available, 5.11.2024

UAE-IX – capacity growth last 12 months

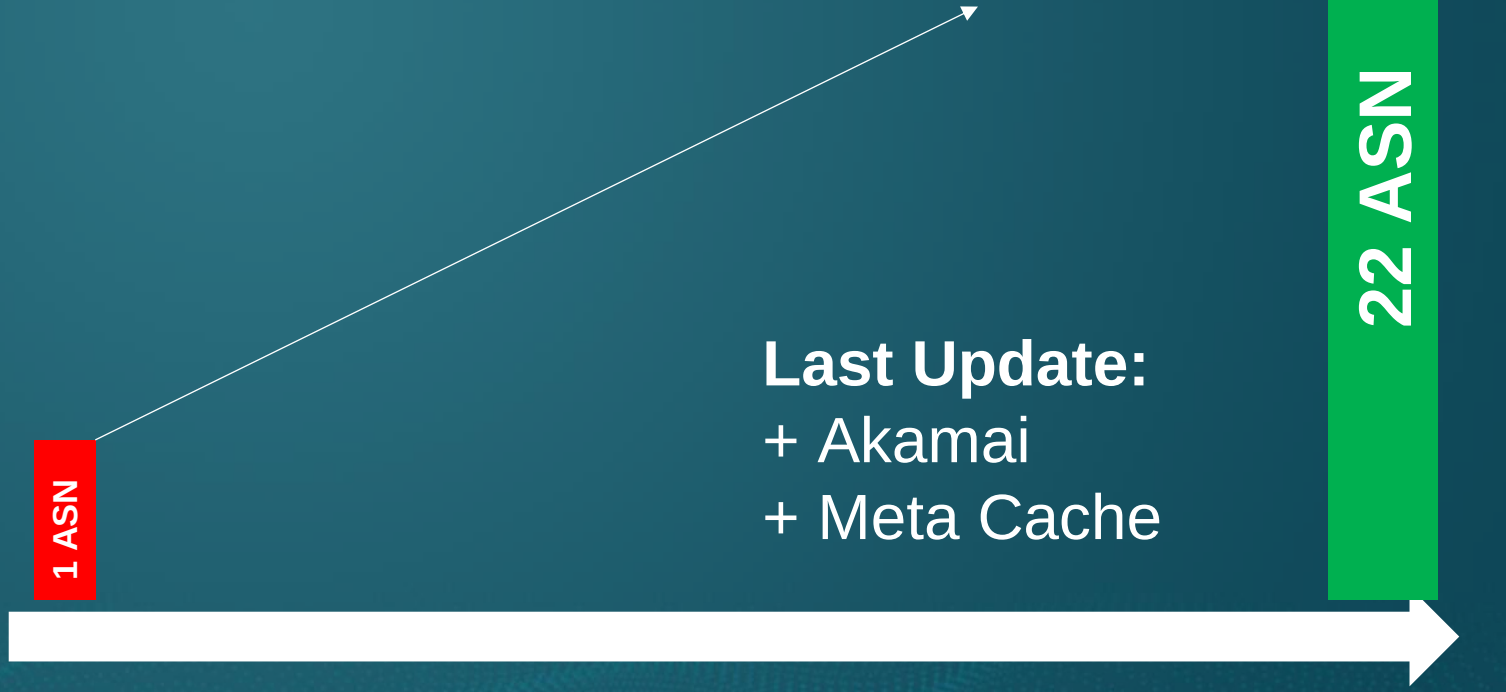
UAE-IX: + 2 Tbps

Base = DE-CIX data, 4.11.2024

Spotlight on: PIE - Karachi

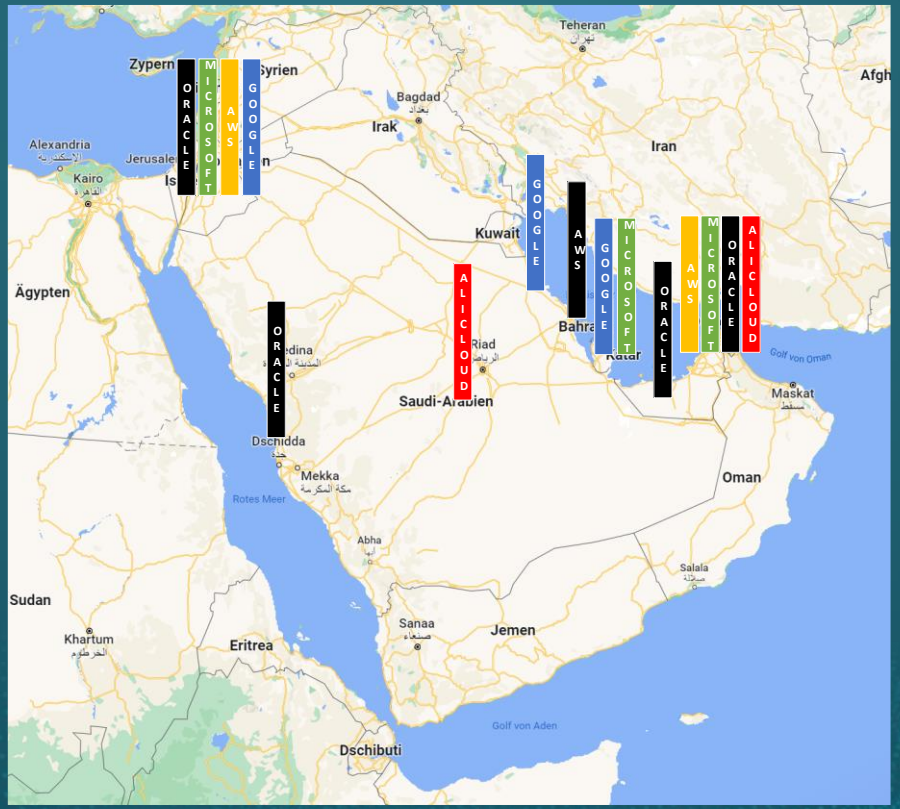
Base = DE-CIX data, 4.11.2024

Spotlight on: IraqIXP - Bagdhad

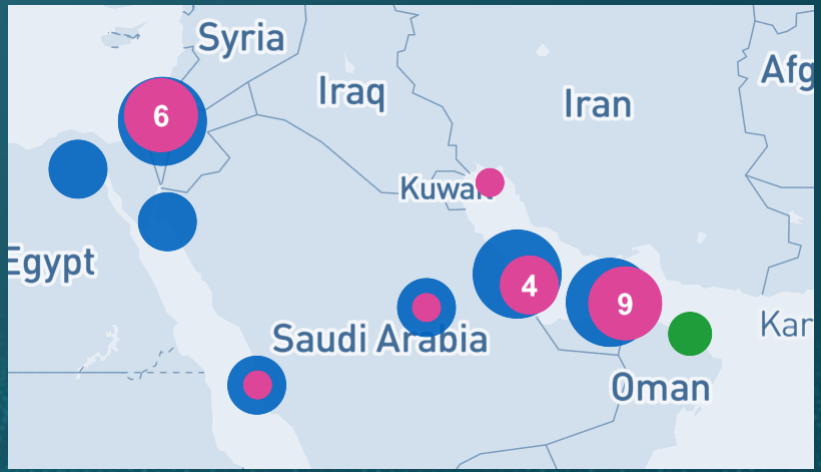


Base = DE-CIX data, 4.11.2024

UAE – Cloud presence



Base = DE-CIX data, 2023

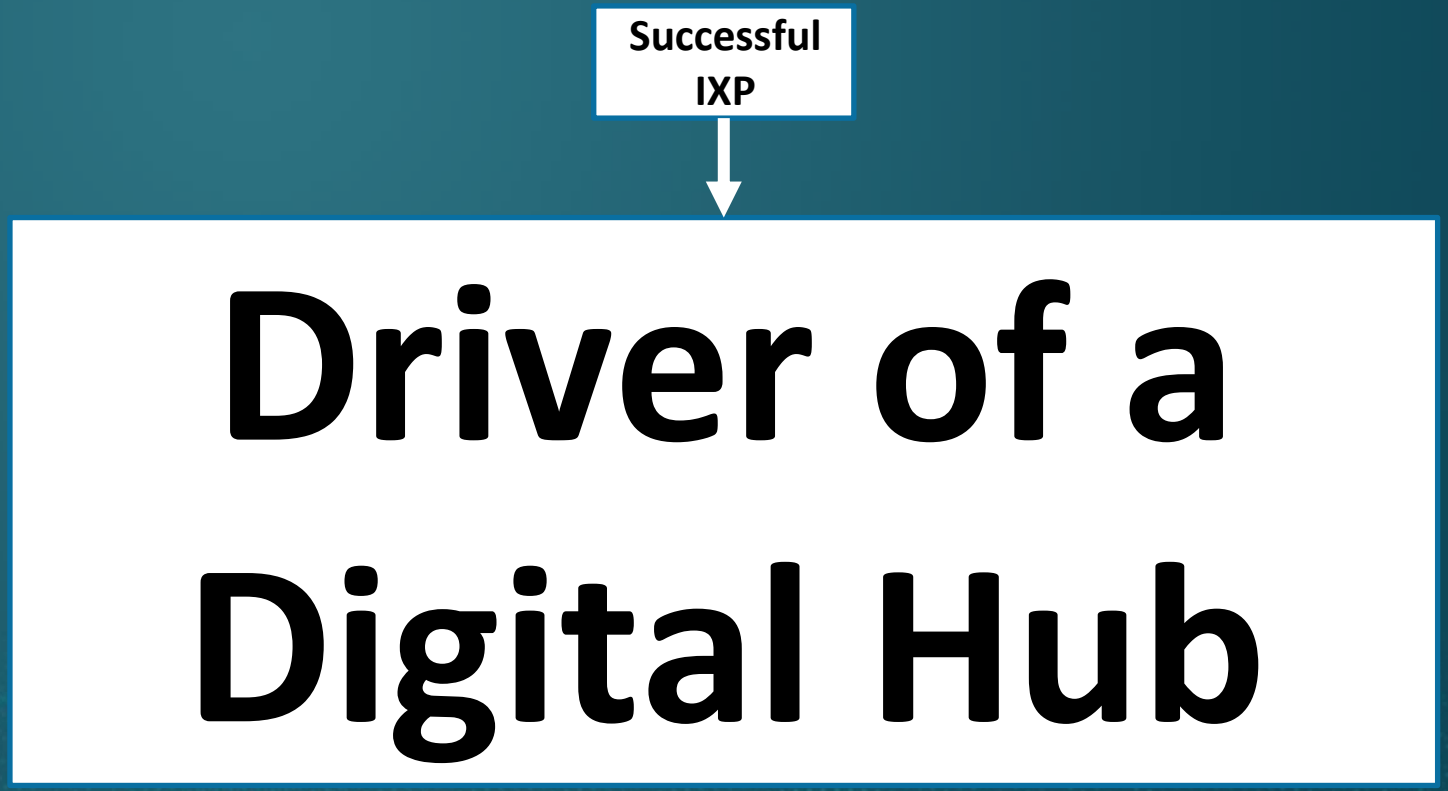


Source: https://www.cloudinfrastructuremap.com/#/ (Telegeography)

What for?

Successful IXP

Driver of a Digital Hub



Thank you!

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