Report of APIX Gathering

on 10 September 2026 in Mumbai, India

Katsuyasu Toyama (JPNAP)

APIX Gathering

Date: Mon 7 September 2026

Attending APIX member IXPs: 19

Attendees: 58

Not a meeting but “Gathering”

= Open to non-IXP people



Agenda

14:30 ~ : Opening remarks and announcements from APIX

14:45 ~ : Presentations from 3 IXPs in India

- Ajai Kumar (DE-CIX India)
- Raunak Maheshwari (Extreme IX)
- Rohit Kumar (NIXI)

15:45 ~ : Breaktime

16:15 ~ : Keynote address (on India's Internet landscape)

- Dr. Devesh Tyagi, CEO (NIXI)

16:30 ~ : Panel discussion

- Sudhir Kunder (DE-CIX India)
- Raunak Maheshwari (Extreme IX)
- Rohit Kumar (NIXI)
- Moderated by Katsuyasu Toyama (JPNAP)

17:30 ~ : Closing remarks and announcements from APIX

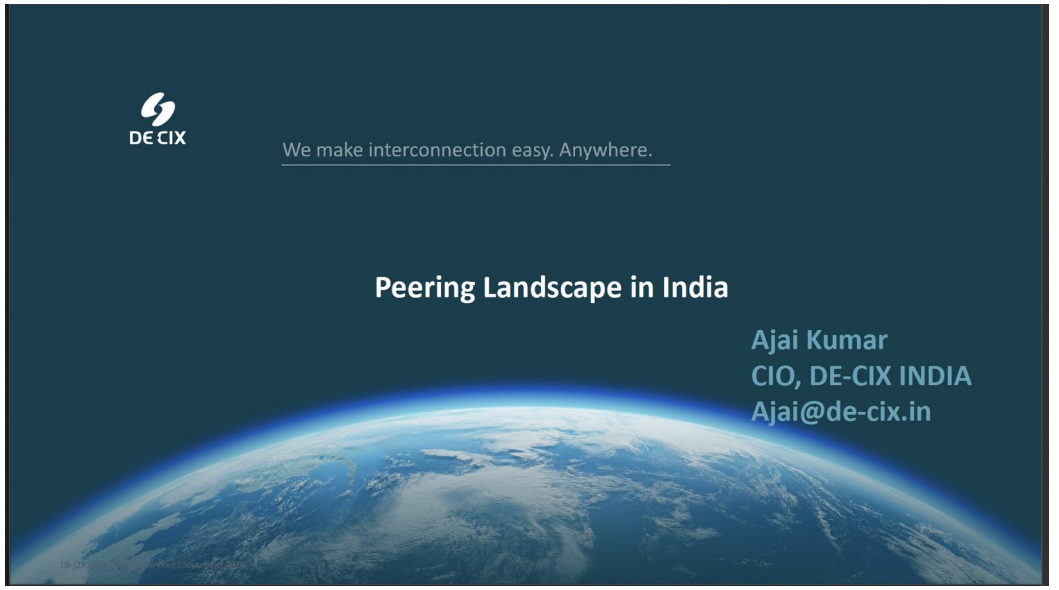
* **Note**: All times are shown in UTC+05:30.

Reference: https://apix.asia/meeting/33.5/

Peering Landscape in India

Ajai Kumar (DE-CIX India)

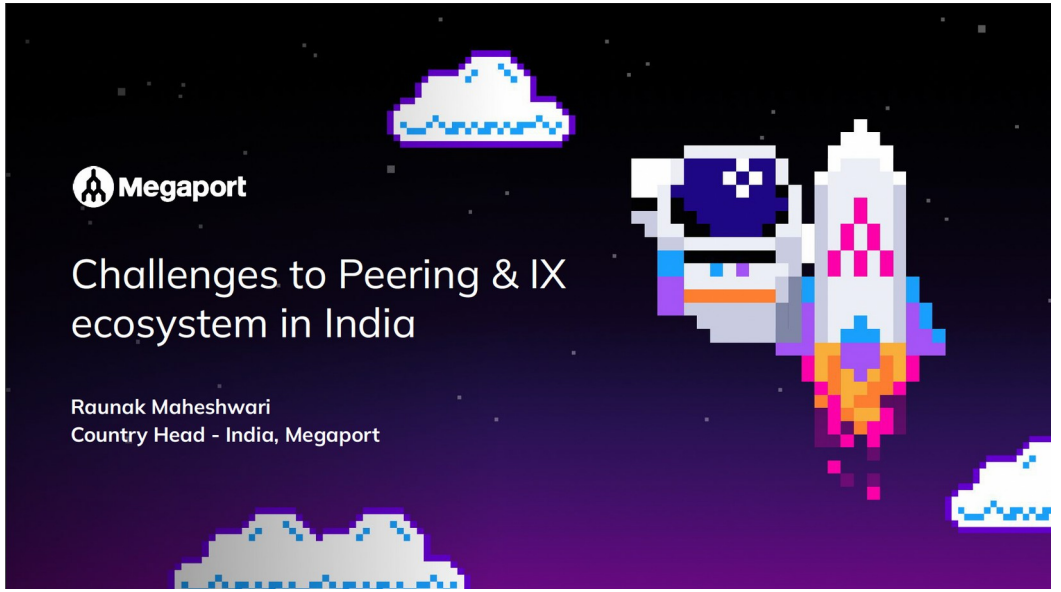
- India
  - 1,479 ISPs & 32 IXPs
  - 939 are members of IXPs
  - 245 Datacenters
- ISP’s market share
  - Reliance Jio = 51%
  - Bharti Airtel = 34%
  - Others are less than 3%



Challenges to Peering & IX ecosystem in India

Raunak Maheshwari (Extreme IX / Megaport)

- Impact of changing peering policy by big-techs
  - No more peers on IXPs, increasing threshold of peer and cache
  - Same as other countries/economies, it's a huge impact on smaller ISPs and IXPs in India
  - A workaround is providing 'peering transit' by IXP, which is in gray area from regulation perspective in India



IX Updates: Growth & Challenges

Rohit Kumar (NIXI)

- NIXI’s update
  - Growth of traffic and connected ASNs
  - IX Self Help Portal
  - Google VPP program
  - Accident - Datacenter fire outage
    - NIXI recovered within 48 hours
- Challenges
  - Vender lock-in



India’s Internet: Built at Scale, Engineered for 2047

Dr. Devesh Tyagi, CEO (NIXI)

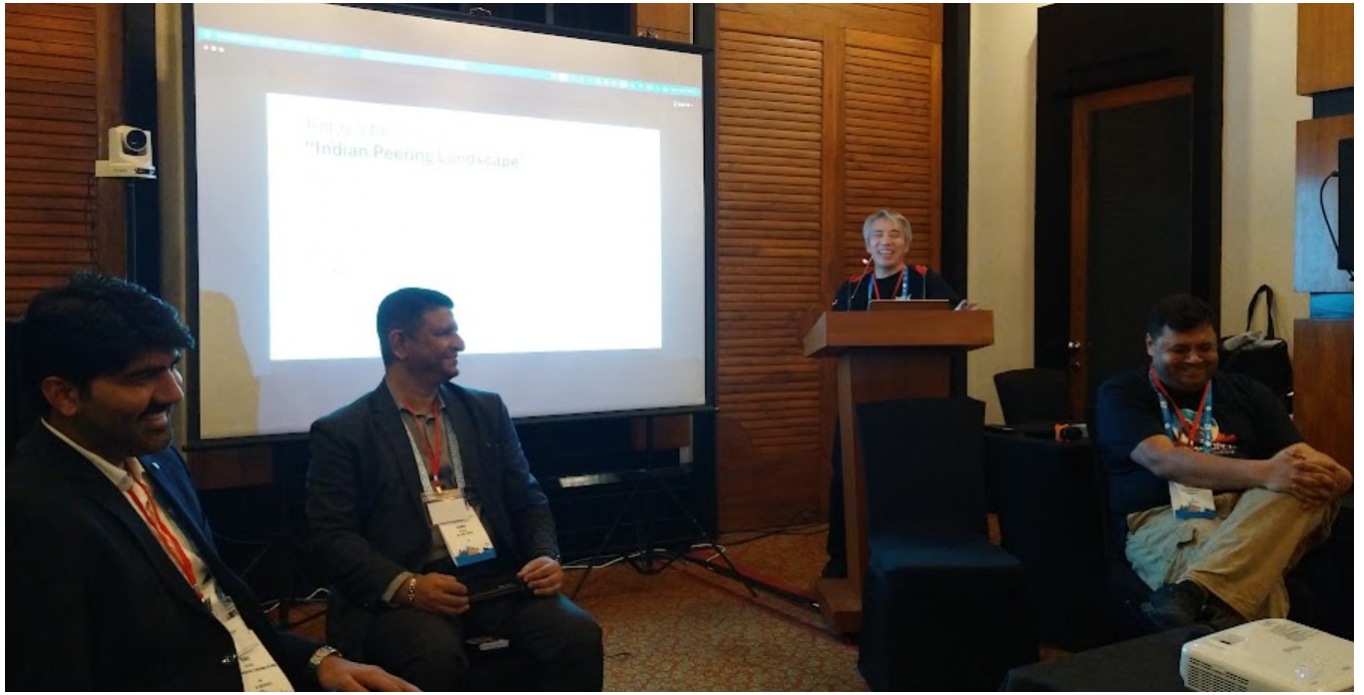
- Their concerns
  - Domination by a few operators, Concentration to large cities/rural gap, sovereign of sea cables, resilience of digital infrastructure

- “Viksit Bharat (developed India) needs Viksit (developed) internet”
  - Peer locally by default
  - Take exchanges beyond metro
  - Validate, don’t just sign (ROV/ROA)
  - Diversify the coastline
  - Build AI and Edge Now



Panel Discussion with 3 major IXPs in India
“Peering Landscape of India”

- What are the differences among NIXI, DE-CIX India, and Extreme IX?
- The growth process leading up to current state of the IX market in India
- India's Regulations and Laws on the Internet
- For the future of India



Panelists:
Rohit@NIXI // **Sudhir**@DE-CIX India // **Raunak**@Extreme IX
Moderator:
Toyama@JPNAP

Group photo!



Thank you!

