

OMAC Roundtable #12

Meeting Summary

3 April 2023



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Topic of OMAC Roundtable #12

IP (The Internet Protocol) is a fundamental technology that powers the Internet.

The previous version, IPv4, powers most networks around the world. However, it can only support an Internet of a few billion devices. IPv6 can support an Internet of billions of billions of devices and can provide enough address space to meet the needs of the growing Internet for decades to come. Simply put, the Internet has outgrown its original design and IPv6 is the future proof solution to ensure that the Internet can keep expanding.

Yet, IPv6 adoption has still not reached its full potential and its growth rate is linear, at most.

Upon request from organization members, the OMAC held its 12th roundtable on the adoption of Ipv6. The session provided a space for organization members to explore as a community the reasons why IPv6 has faced a slow adoption rate, what the organization member community can do to mitigate these deployment challenges and identify opportunities, if any, where everyone can collectively make a difference. The roundtable was attended by 20 participants.



Main Discussion

- [State of IPv6 Deployment](#)
- [Expanding IPv6 deployment: A collaborative proposal to push IPv6 forward](#)

Key Take Away

The participants identified:

Major IPv6 deployment challenges

- Lack of business cases.
- Identifying operational challenges.
- The perception of *"My network is working fine on Ipv4 so no need to spend money doing IPv6"*.
- Lack of awareness on IPv6.
- IPv6 seen as a threat to actual marketing business model.

Some of the measures that need to be taken to accelerate the deployment of IPv6

- Work on a new business model that should allow operators to still make money.
- Get Google to make IPv6 a search result ranking factor.
- Major SaaS platforms to go IPv6 only, forcing action from enterprise customers.
- Continue education on the advantages of IPv6 and involve policymakers.

Next Steps

- Organization members see the importance of IPv6 in connecting the unconnected at a lower cost; hence accelerating its adoption remains a collaborative community effort.
- It was agreed that members should continue the discussion around the best approaches for expanding IPv6.
- The question of how to involve more organizational and individual members to support the efforts of accelerating the adoption of IPV6 will need further thought and discussion.
- It was suggested to review the Deploy360 IPv6 pages on the ISOC site.

Useful Resources

- [RIPE NCC Saudi Arabia Country Report](#)
- [IPv4 - IPv6 Transition: Survey eco Competence Group Networks](#)
- [RIPE NCC Academy](#)
- [AFRINIC Academy on IPv6](#)

