

Is IPv6 still an NGN Topic?

YES! & **NO!**



TF-NGN 21,
Ljubljana

On the “Yes” side...

Scarce deployment

...outside R&D environments

99, <place your bet here>% are
IPv4-only networks

Remaining Gaps #1

IPv6 is yet to provide a better multi-homing architecture.

...but, being worked at IETF
(see shim6 wg)



Remaining Gaps #2

Lack of DOCSIS support = major
upset for IPv6 native deployment
in cable-based networks.

...again, standards underway

(see draft-mule-cablelabs-docsis3-ipv6-00.txt)

CableLabs



On the “No” side...

Positive Deployment in Research Networks

...but, is it reaching (seamlingless) the
end-user (teachers/students)?



CLARA



GEANT2



Positive Milestones #1

6BONE is officially over.

This can be read as:

«IPv6 Testing Period has ended».

Positive Milestones #2

IPv6 Commercial Service
offers DO exist!
...however in a limited fashion!



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Conclusion/Discussion

Should we stop working on/dealing
with IPv6 as an NGN topic?

(...we're still at 2006, the IPv4 allocation pool is
still some years away from exhaustion...)

Discussion

What about **GEANT2**'s
JRA* and SA*?

Is everything IPv4+IPv6, or there
are still some IPv4-only bits?

Q&A

Thanks for your attention!