IPv6-only Eyeballs Networks BCOP

Jen Linkova,
Andrew Yourtchenko, Colin Petrie
RIPE71

Motivation

★ IPv6 is here

★ BCOP for dual-stack networks exist

★ IPv6-only is being deployed

★ Let's do it right from day one!

Scope

"Eyeball" networks

- not infrastructure
- not DCs

shall v6-only access ISP be included/excluded?

Topics Covered

★ Access to IPv4-Internet

★ Addressing Plan

★ Host Configuration

★ First Hop Redundancy

★ Scalability

★ Security

★ Accountability

Topics Covered (contd)

- ★ Use Cases
    - ○ Hotspot/Conferences Networks
    - ○ Enterprises
- ★ Testing
- ★ Known Issues
- ★ Troubleshooting

Call for Volunteers