



RIPE Policy Development Process

And some recent topics



Overview

- RIPE
- RIPE Policy Development Process (PDP)
- Current Topics
 - IPv4 Depletion
 - IPv6 Deployment



RIPE

- Folks in Europe talking about TCP/IP vs OSI
- 14 of them coming together in May 1989
- Operational coordination of IP networks
- Not a legal entity, no formal membership
- No voting, *consensus* is the magic word
- Has a chairman
- Work is done in Working Groups
 - There may be Task Forces (TFs)



RIPE

- RIPE WGs
 - Address Policy
 - Anti-Abuse
 - Cooperation
 - Database
 - DNS
 - EIX
 - ENUM
 - IPv6
 - RIPE NCC Services
 - Routing



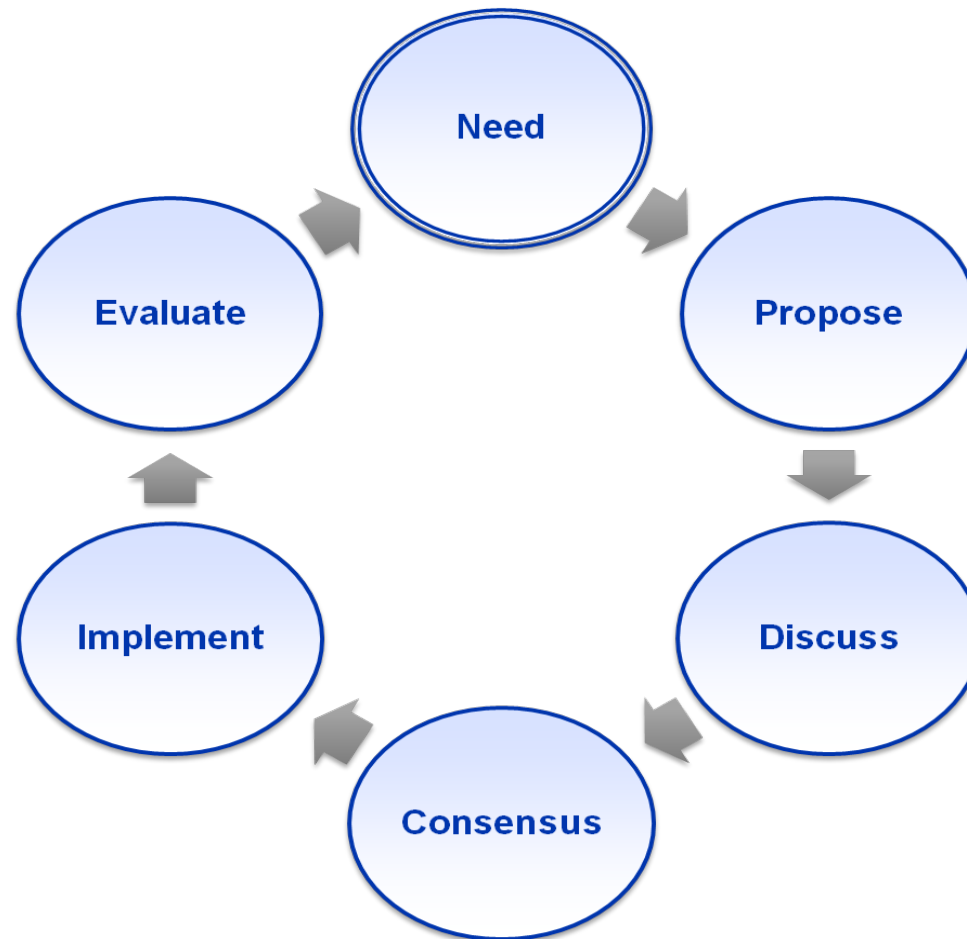
RIPE

- Current TFs
 - Data Protection
 - Certification
 - DNSSEC Key Repository

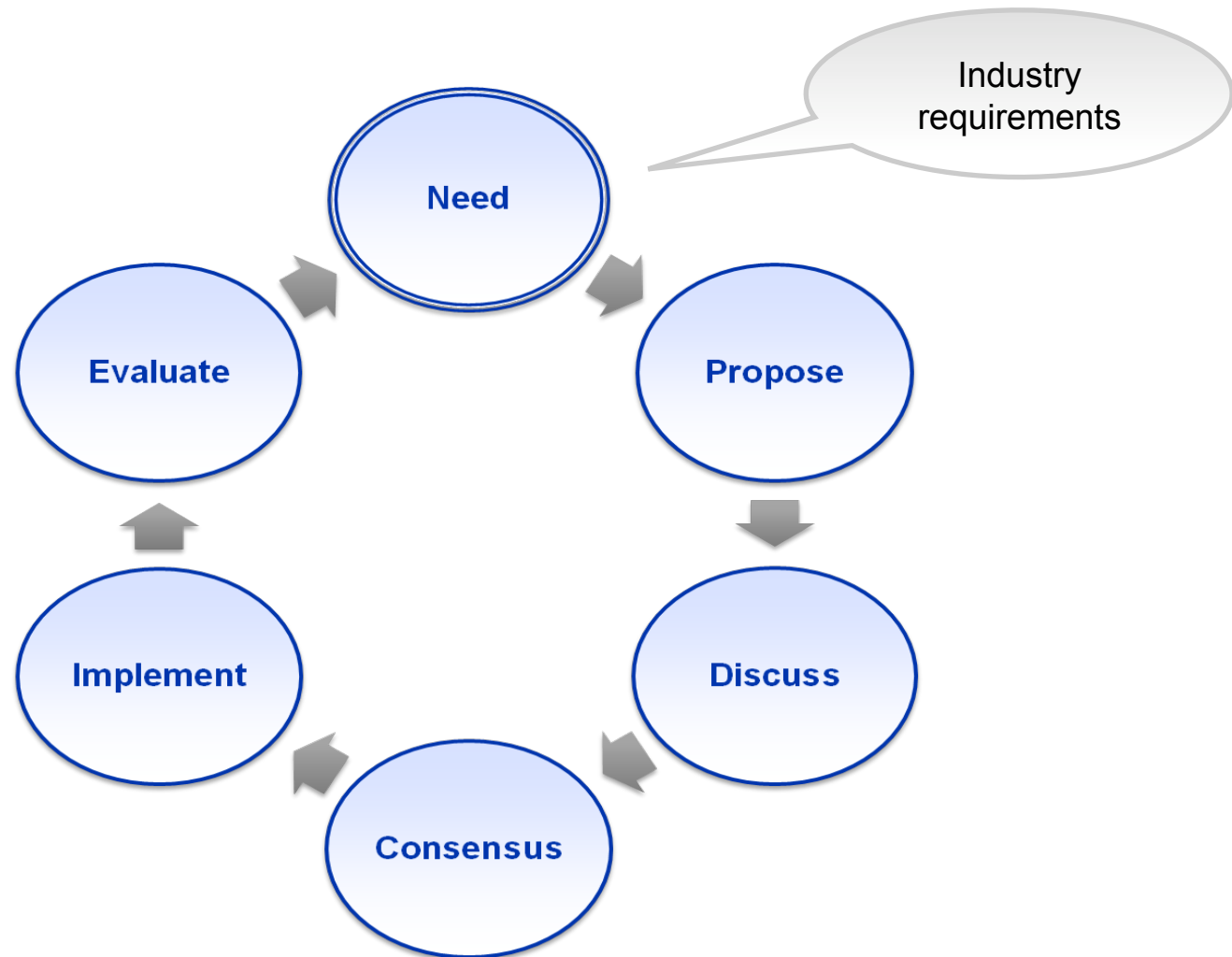


RIPE PDP: Answer to demand for change

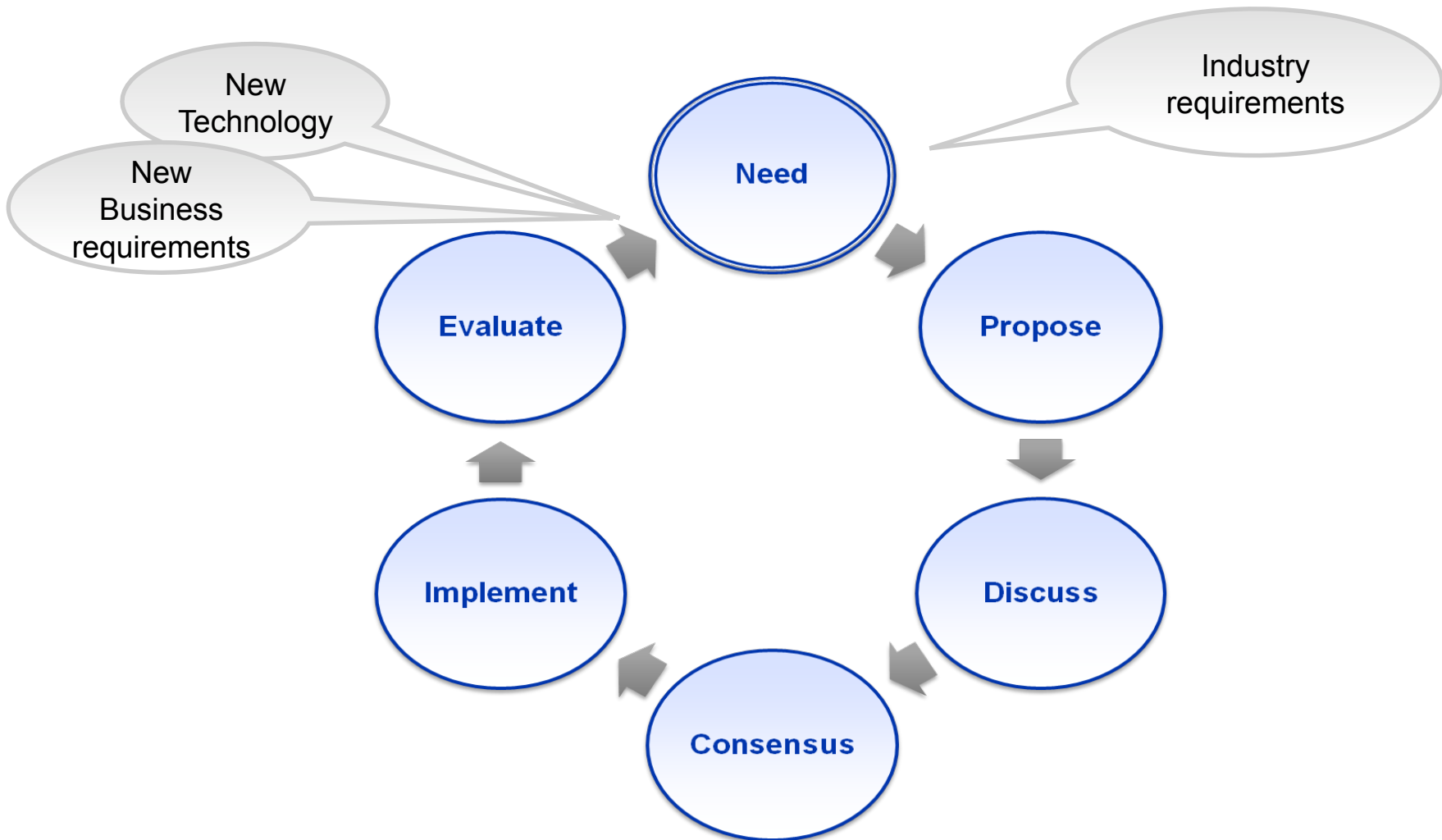
RIPE PDP: Answer to demand for change



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RIPE PDP: Answer to demand for change





RIPE PDP Principles

- Open
 - Anyone with an e-mail address can participate
 - Mailing lists
 - Policy meetings
- Transparent
 - Mailing lists archived
 - Meetings scribed
- Developed Bottom-up
 - By the Internet Community
- Documented
 - RIPE Policy Documents



PDP Summary

- Industry environment and business requirements change
- PDP is there to meet this demand for change
- Policy specifics change
- Principles remain static
- Many policies stayed stable since the beginning



Current Topics

- IPv4 Depletion
- IPv6 Deployment



IPv4 Depletion

- Getting ready for IPv4 afterlife
- People know what is coming
 - Global usage of the last /8s
 - Last 5 /8s to be distributed to RIRs evenly
 - Regional usage of the last /8
 - Allocate on min.allocation size to all LIRs OR
 - Allocate /27s to those complying with RFC5211



IPv4 Depletion

- Prudence Proposals
 - Include historical records in the efficiency policies
 - Apply 80% utilisation requirement to legacy blocks too
 - Strengthen holder-resource-registry relationship
 - Contracts with End Users directly or via a sponsoring LIR
 - Transfers
 - Utilise allocated but unused space where needed
 - Avoid perception of unfairness
 - Gradually reduce the allocation and assignment periods



IPv6 Deployment

- Increase incentives for IPv6
 - Make it easier to receive resources
 - Cover all stakeholders in need
- Remove routing requirements
 - Let LIRs decide on their address management
 - Keep it at a BCP level

Questions?

