

Update from the RIPE NCC

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Policy Proposals Update

- 2012-01 Inter-RIR IPv4 Address Transfers
 - Mixed feelings, mainly on terminology used
 - Policy proposal being abandoned

- 2012-xx Inter-RIR IPv4 Address Transfers
 - Not formally in PDP yet, presented at RIPE 64
 - Transfer to the RIPE NCC Service Region
 - Transfer is in line with originating RIR policy
 - Destination LIR qualifies according to RIPE transfer policy
 - Inter-RIR IPv4 transfer policy must exist in originating RIR

Policy Proposals Update (continued)

- Transfer from the RIPE NCC Service Region
 - Transfer is in line with destination RIR policy
 - Originating LIR and transferred IPv4 address space comply with the RIPE transfer policy
 - Inter-RIR IPv4 transfer policy must exist in destination RIR
- 2012-xx Amendment to RIPE NCC transfer policy
 - Not formally in PDP yet, presented at RIPE 64
 - For the purpose of determining need for a transferred allocation, a period of 24 months is used in the evaluation (currently 3 months)

Policy Proposals Update (continued)

- 2011-04 Extension of the Minimum Size for IPv6 Initial Allocation
 - PDP Phase: Last Call
 - Modifies the eligibility for an organisation to receive an initial IPv6 allocation up to a /29

- 2011-05 Safeguarding future IXPs with IPv4 space
 - PDP Phase: Last Call
 - A /16 from the final /8 will be held in reserve IXPs
 - An IXP will can receive one number resource (from /24 to /22)

Policy Proposals Update (continued)

- 2011-06 Abuse Contact Management in the RIPE NCC Database
 - PDP Phase: Open for Discussion
 - Introduce of a new contact attribute named "abuse-c"

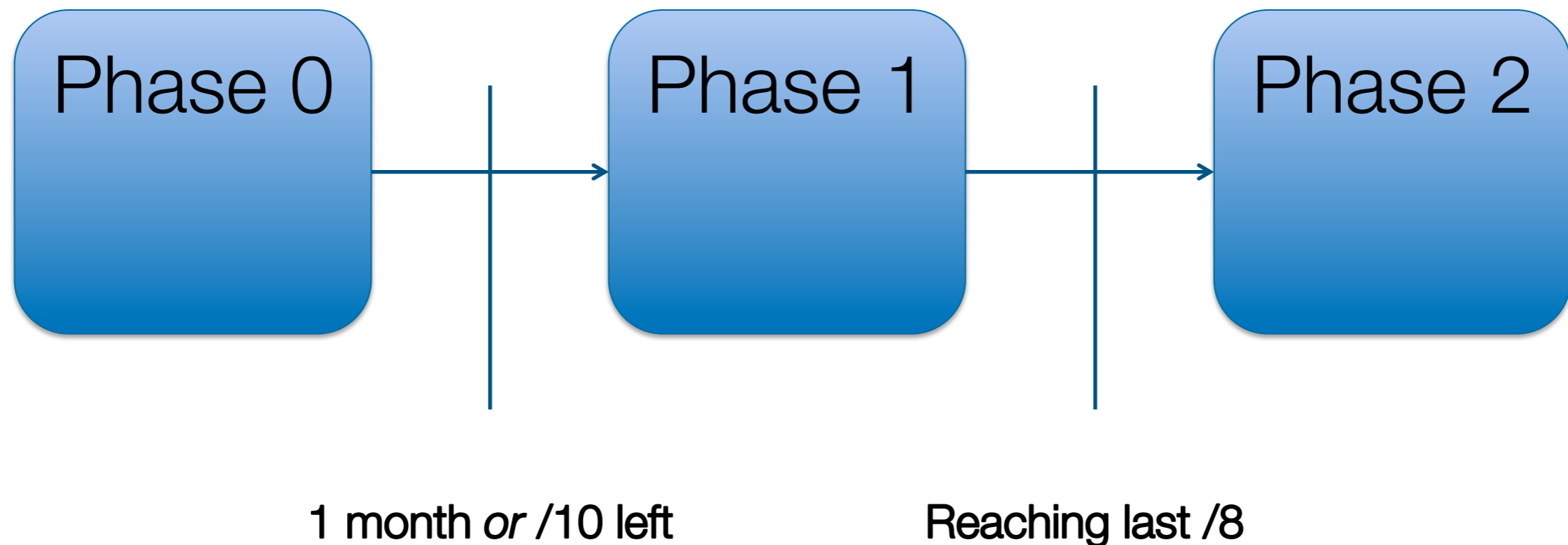
Also heard...

- IPv4 Maintenance Document
 - Priority: high quality registry
 - All you ever wanted to know about IPv4 address stewardship in one document

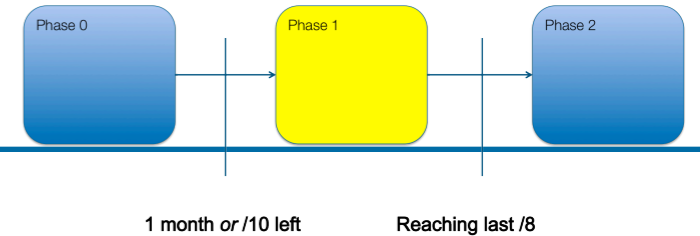
- Services for Legacy Resource Holders
 - Community policies – applicable or not?

Business Process Change

Reaching Last /8 Phases

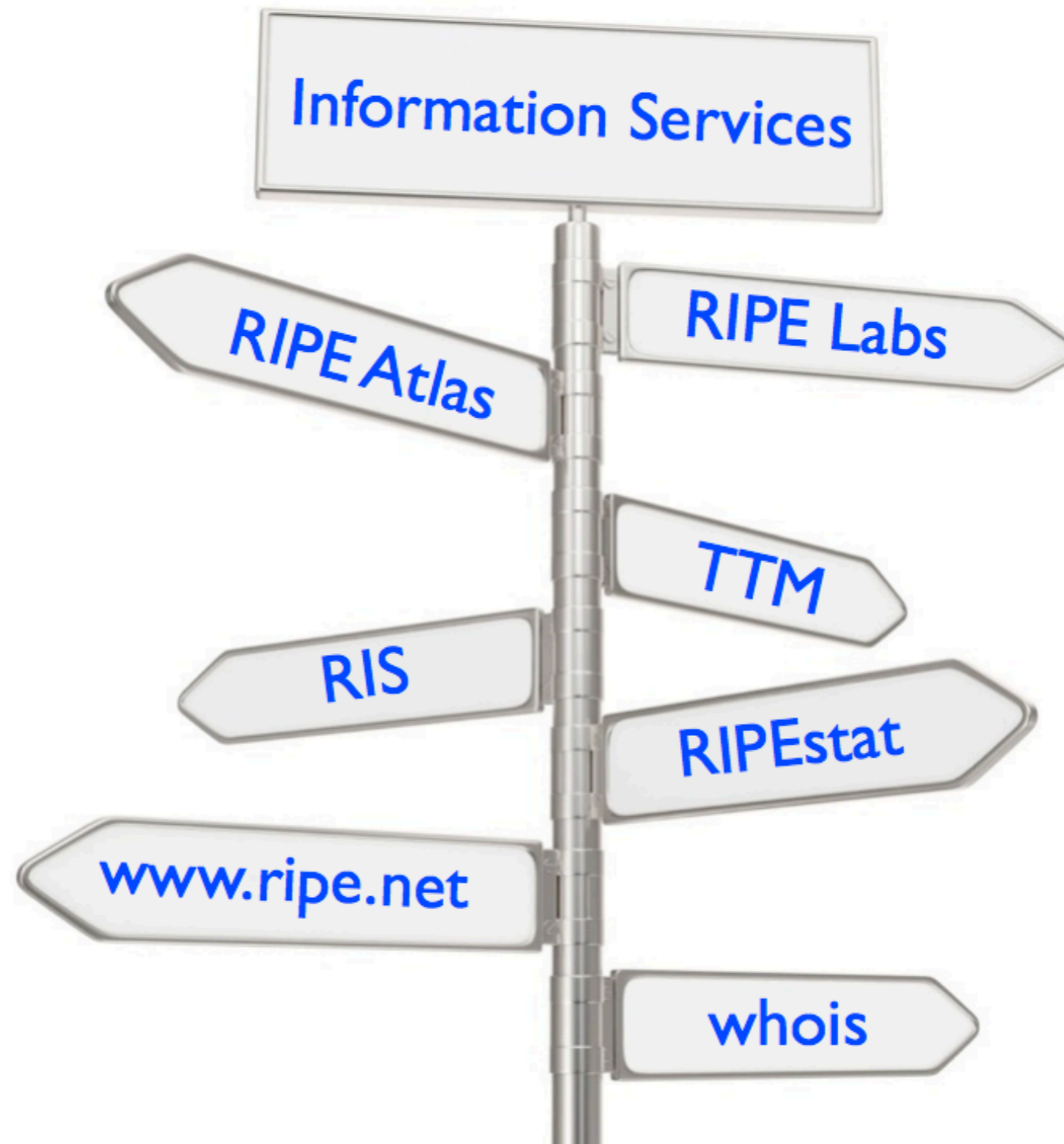


Phase 1



- When the RIPE NCC has 1 month *or* a /10 left of IPv4 address space
- IPRAs will work in pairs
 - Fairness, consistency and transparency
 - Longer response times
- Change in ‘call back’ procedure
 - Requester called only when ticket at top of the queue
- ‘Approvable’ tickets moved to a separate queue
 - Approval artificially delayed until 9:00 next morning
 - Allows for additional checks

Clean-Up of Information Services



Clearly Defined Names



Clearly Defined Sections



Stories / General Statistics

State of the Network

Big Picture & Individual Measurements

Specifics on any IP/ASN

Real Time & History

Members' Own

Resource Mgmt & Related Services

TTM / DNSMON

- Test Traffic Measurement
- Deployed Equipment Aging Rapidly
 - Limited usefulness
- Cease service and fold into RIPE Atlas
 - Coordinate with users so that measurement needs are taking into concern
- DNSMON currently based on TTM machines
 - Will move to RIPE Atlas with increased utility

Resource Certification

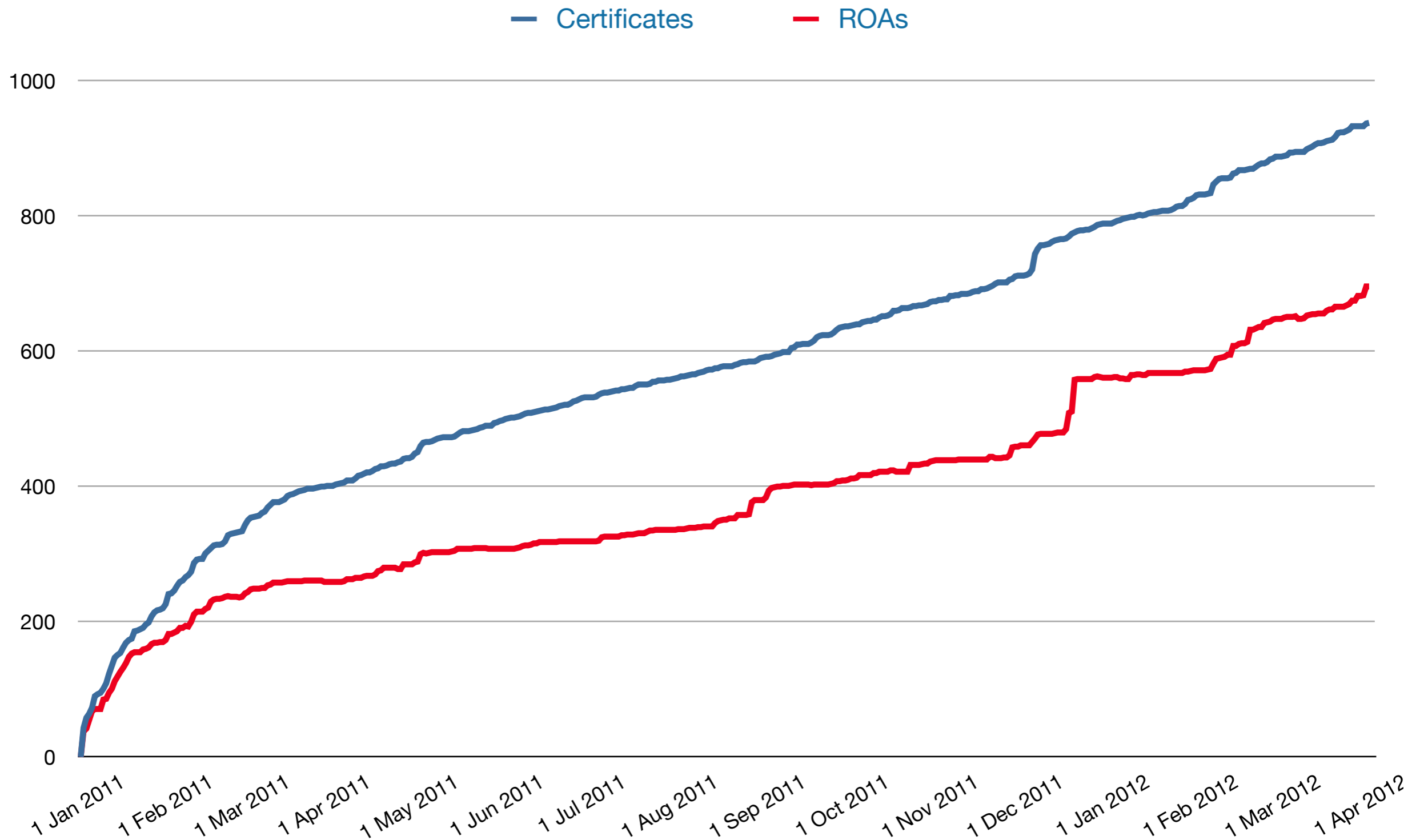
- At RIPE 63 GM – Member Vote
- The RIPE NCC will continue working on RPKI
 - Offer resource certificates on an opt-in basis
 - Offer a platform for BGP Origin Validation
- A close vote
- A clear message

Proceed with caution!

Addressing Concerns - The Roadmap

- Q1/Q2: Test system, better Validator, better UI
- Q2/Q3: Strengthen Operator Autonomy
 - Build monitoring infrastructure prototype
- Q3/Q4: Strengthen Security
 - Authentication, periodic auditing
- Q4/Q1: Strengthen Resilience
 - Service and data set distribution
- Gradual: Expand eligible address space

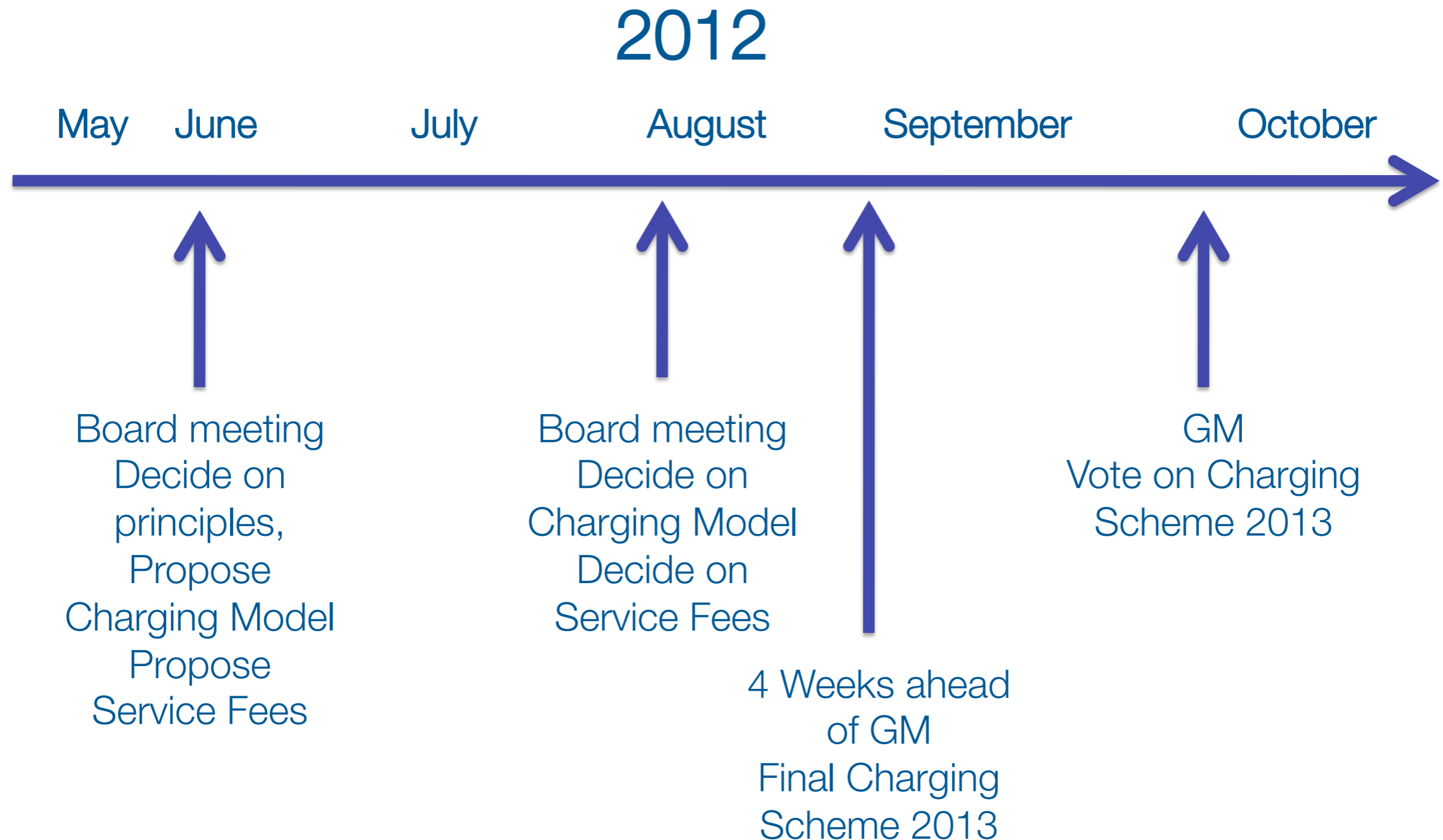
Resource Certification Adoption



Charging Scheme Task Force

- At RIPE 63 members voted on Charging Scheme 2012: Not Approved
- Currently running on CS 2011
- CS TF set up, reported at GM last week
- Executive Board to consider
- Decider further action

Timeline for Charging Scheme 2013



Where Is Rendek?

Where Is Rendek?



Intensified Regional Outreach

- Our man in Dubai
- To liaise with Arab and CIS Communities
- Helping with coordinating Arab IGF
- Organising Regulators' Orientation Event in Amsterdam
- CIS area is very complex and opaque

You'd be welcome at...



Questions?

