

# APNIC Policy Update

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# Policy Development Process

APNIC policies are developed by the community in a bottom-up approach. This approach is part of the Policy Development Process or commonly referred to as the 'PDP'.

PDP describes the process through which policy proposals are submitted, considered, and adopted by APNIC.



# Policy Process

What are the key characteristics of the PDP?

**Open**

Anyone in the community - Member or not - can propose a policy. This can be a proposed change to an existing policy or a new one altogether. Anyone can participate from the beginning, during the discussion as well as in the decision-making process.

**Transparent**

APNIC publicly documents all policy discussions and decisions to provide complete transparency of the policy development process. These documents, the associated discussion in the mailing list, and decisions are freely available for viewing at any time.

**Bottom-up**

The Policy Development Process is driven by the Internet community - by those who need and use these resources. It is catered to address the needs and requirements of the Asia-Pacific Internet community. APNIC stays neutral in the process.

# Policy Development Process



# Policy SIG Mailing list

- Some people think it's a great idea
- Others disagree
- The author tries to convince or compromise
- The Chairs monitor the discussions and participate as appropriate

Join the mailing list

<https://mailman.apnic.net/mailman/listinfo/sig-policy>

# Policy SIG meeting

- Author presents
- People line up at the microphone
  - Ask questions
  - Express support
  - Explain their concerns
  - Argue and praise
- Remote participation is available so those not at the meeting in-person can still fully participate

Check the conference agenda

<https://conference.apnic.net/48/program>

# Consensus Decision Making

- Consensus =
  - “general agreement” taking into consideration comments on the mailing list and at the meeting.
- Objections
  - Minor Objections:
    - some problems may occur for some members of the community
  - Major Objections:
    - major problems will occur for members of the community
- Participants should “work together” to resolve objections

# CURRENT PROPOSALS



# Proposals Implementation

- prop-125: Validation of “abuse-mailbox” and other IRT emails
  - Reached consensus at APNIC 46
  - More details to follow...
- prop-127: Change maximum delegation size of 103/8 IPv4 address pool to a /23
  - Reached consensus at APNIC 47
  - Implemented immediately
- prop-128: Multihoming not required for ASN
  - it is multihomed or
  - has the need to interconnect with other AS
  - Reached consensus at APNIC 47
  - Implementation in July 2019
- prop-129: Abolish Waiting list for unmet IPv4 requests
  - Reached consensus at APNIC 47
  - Implementation in July 2019

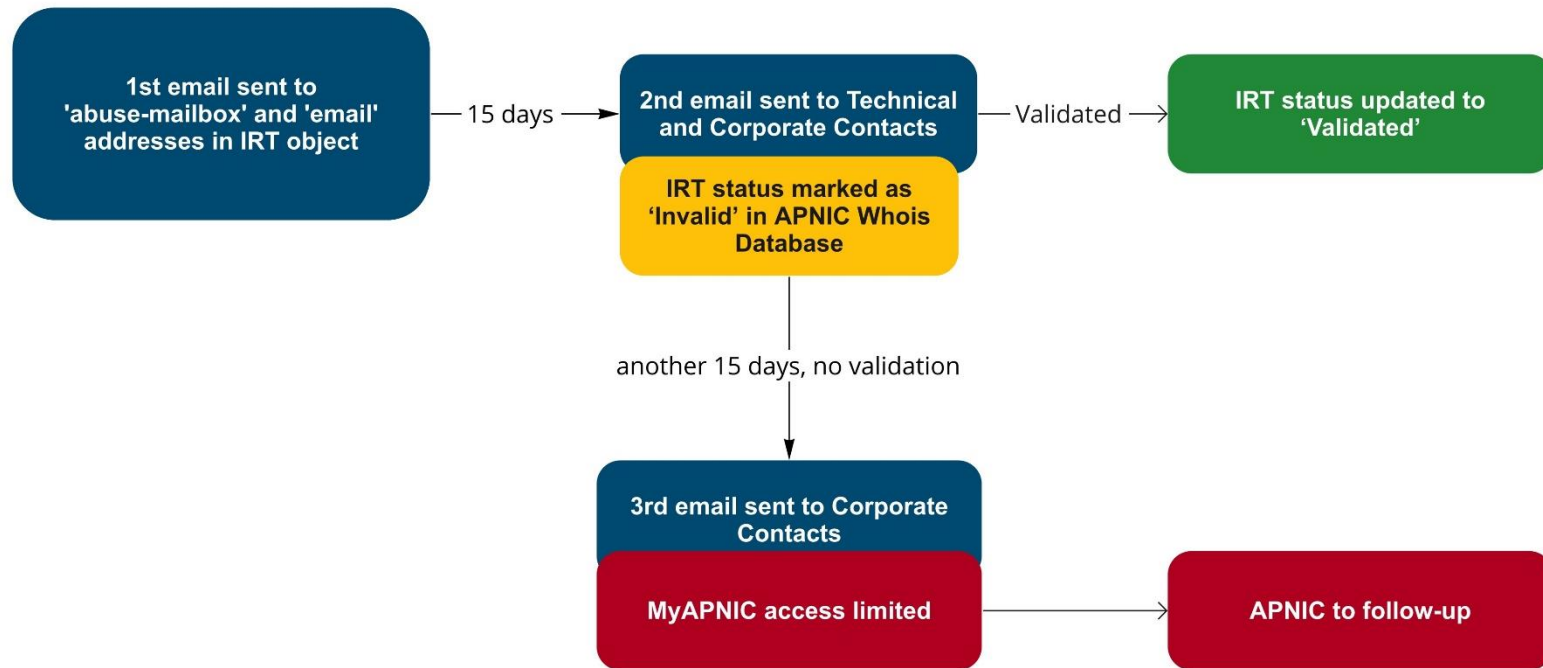
# Incident Response Team (IRT) object in Whois

- Object in the APNIC whois containing contact information of network administrators responsible for receiving network abuse reports
- As a result of **prop-079** at APNIC 29, APNIC implemented mandatory IRT references on 8 November 2010
- Aimed to provide a more accurate and efficient way for abuse reports to reach the correct contact

# IRT Validation

- prop-125 implemented from 30 June 2019
  - All email addresses in IRT objects
  - Validation process by a human
- Frequency
  - Every time the object is updated
  - Validated at least every six months
- Demonstrate abuse mailbox
  - Is monitored by a human
  - Is responsive to legitimate reports
- Failure to validate
  - After 15 days object is marked invalid
  - After 30 days access to MyAPNIC is restricted

# IRT Validation Sequence



# Validation emails sent to 'email' and 'abuse-mailbox'

```
irt:          IRT-APNIC-AP
address:     Brisbane, Australia
e-mail:     helpdesk@apnic.net
abuse-mailbox: helpdesk@apnic.net
admin-c:    HM20-AP
tech-c:     N04-AP
auth:       # Filtered
remarks:    APNIC is a Regional Internet Registry.
remarks:    We do not operate the referring network and
remarks:    are unable to investigate complaints of network abuse.
remarks:    For information about IRT, see www.apnic.net/irt
mnt-by:     APNIC-HM
last-modified: 2019-02-14T05:37:22Z
source:     APNIC
```

# Marking IRTs as invalid

```
irt:          IRT-APNIC-AP
address:     Brisbane, Australia
e-mail:      helpdesk@apnic.net
abuse-mailbox: helpdesk@apnic.net
admin-c:     HM20-AP
tech-c:      N04-AP
auth:        # Filtered
remarks:     APNIC is a Regional Internet Registry.
remarks:     We do not operate the referring network and
remarks:     are unable to investigate complaints of network abuse.
remarks:     For information about IRT, see www.apnic.net/irt
mnt-by:      APNIC-HM
last-modified: 2019-02-14T05:37:22Z
source:      APNIC
```



Invalid IRT  
object

# What do APNIC members need to know?

- Register for MyAPNIC access
- Read the policy and understand the upcoming changes
- Ensure your IRT contacts are up-to-date and contactable
- Regularly monitor network abuse mailbox and act on abuse reports, where appropriate

# Proposals under discussion

- prop-130: Modification of transfer policies
  - To allow Mergers & Acquisitions for inter-RIR transfers
  - To include partial or complete merger, acquisition, reorganization or relocation
  - For all resource types – IPv4, IPv6, ASN
  - In the case of inter-RIR, the counterpart RIR need to have a policy that allows it.
- prop-124: Clarification on IPv6 Sub-Assignments
- prop-126: PDP Update



# What's next?



- Subscribe to the mailing list
  - <https://mailman.apnic.net/mailman/listinfo/sig-policy>
- Review the proposals
  - <https://www.apnic.net/community/policy/proposals/>
- Discuss with others
- Participate in Policy SIG Meeting
  - Remote participation is encouraged

# Upcoming Conference



Registration is open. APNIC members get up to 4 free registrations. PC is now accepting submissions. **Deadline is 12 July 2019.**

<https://conference.apnic.net/48/>

# Thanks!



[blog.apnic.net](https://blog.apnic.net)

[apnic.net/social](https://apnic.net/social)