

# APNIC Regional Update

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# Outline

- Introduction to APNIC
- Get involved
- Whois accuracy support

# INTRODUCTION TO APNIC

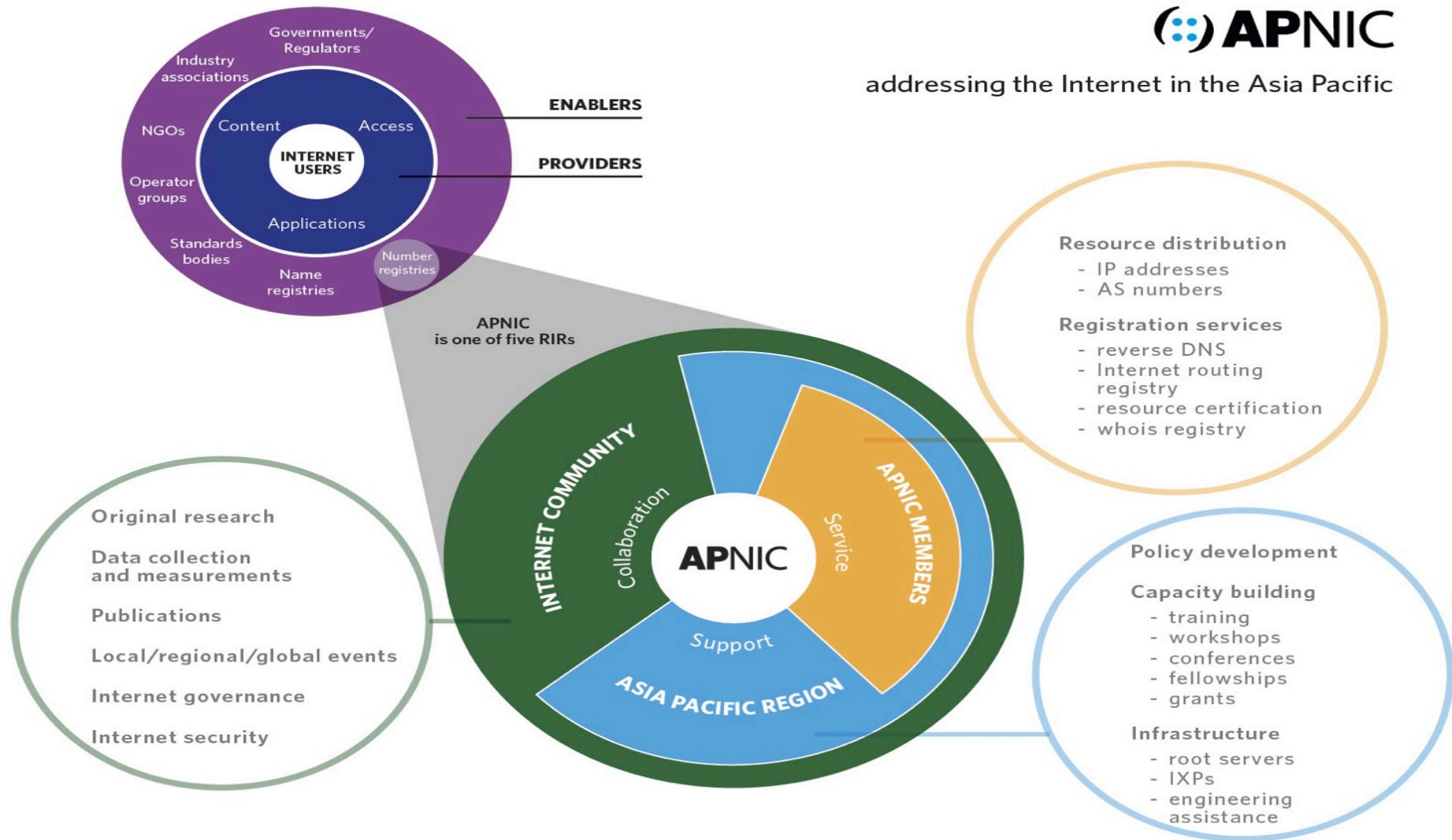
# What is APNIC?

- Regional Internet Registry (RIR) for the Asia Pacific region
  - One of five RIRs currently operating around the world
  - Non-profit, membership organisation
- Industry self-regulatory body
  - Open
  - Consensus-based
  - Transparent
- Meetings and mailing lists
  - <http://meetings.apnic.net>
  - <http://www.apnic.net/mailling-lists>



# Where is the APNIC Region?





# What is APNIC's role

- APNIC provides Internet resource services to the Asia Pacific Region
  - IPv4, IPv6, ASN
  - Maintains the Whois database
  - Provides reverse DNS delegation for the resources allocated to the region



# Where do IP addresses come from?



# What does APNIC do?

- Facilitate the policy development process
  - Via mailing lists and meetings
- Implements policy changes
  - When the community has discussed and agreed upon them
- Information dissemination
- Training services
- Collaboration & Liaison



# GET INVOLVED!

# What is a Policy?

In the APNIC region, a policy refers to the rules and requirements or criteria that one must meet to be eligible to receive IP and ASN resources.

A policy **proposal** is a formal, written submission that outlines an idea for a new policy. If a policy proposal is successful it will become a policy.

# Why do we need resource policy?

IP address and AS numbers are public shared resources. APNIC policies ensure that these **resources are managed** properly and distributed with the goal of fairness and consistency in mind.

The common aim of a policy is to **ensure proper usage of Internet number resources according to the technical and operational needs of the network**. This is vital for the continued stable growth of the Internet.



# Policy change

Policies change constantly

They evolve as the needs of the technical community change

Good policy relies on a range of opinions

APNIC policies are developed by Members and the Internet community in a bottom-up process of consultation and consensus.

# What's APNIC's role?

- The APNIC Secretariat is the organization that manages resources, implements policy and provides a range of services to the community
- APNIC staff
  - Provide information and support to people who want to be involved in the policy development process
  - Provide support to the Policy SIG
  - Help authors to draft proposal wording
  - Manage the implementation of policy changes
  - Inform the policy changes to the community

# Who can Participate?

Policies are developed **by and for** the Asia Pacific Internet community, which includes the APNIC membership.

**Anyone** can participate in the policy development process for managing and distributing IP addresses.

- Whether you are a seasoned network engineer, a decision maker, a student in the IT field, or a user of the Internet, you can join the discussion.

You are invited to be part of this development process.

# Why participate?

- It is an opportunity to learn and share experiences and best practices in the Internet
- Policies affect your organization's operating environment and are constantly changing
- Ensure your organization's needs are represented
- It's a great way to build your profile and contribute to the Internet
- You can directly impact the way APNIC manages Internet number resources
- Make these policies work for your networks and future growth

# Participate in APNIC Policy



[www.apnic.net/community/policy/participate](http://www.apnic.net/community/policy/participate)

# What's next?

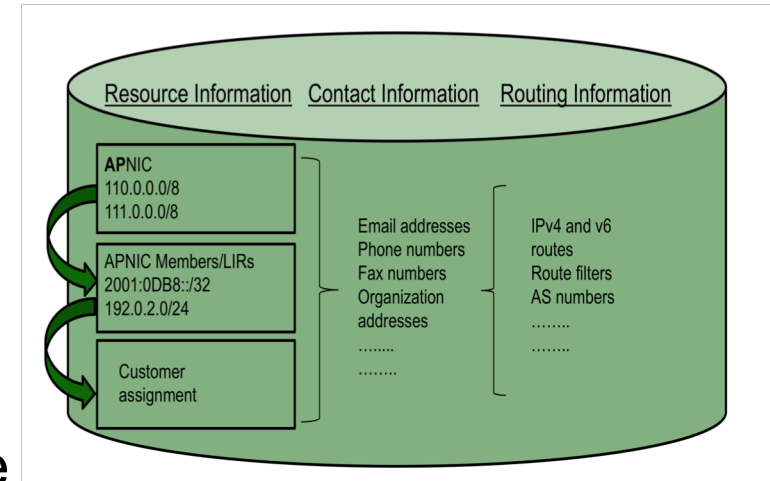
- Subscribe to the mailing list
  - [sig-policy@apnic.net](mailto:sig-policy@apnic.net)
- Review the proposals
  - <https://www.apnic.net/community/policy/pro>
- Discuss with others
  - Morning and afternoon tea, lunch, dinner
- Participate in Policy SIG Meeting
  - Check conference program



# WHOIS ACCURACY SUPPORT

# Background

- Initiated at APNIC 44
  - After past community feedback
- Motivation
  - Does not require in-depth whois knowledge
  - Update account and whois contacts at the same time
  - Remove complexity
  - Progress can be tracked
  - Reduce complaints about inaccurate contact data





# Progress so far

- Contact review reminder
- Single point where contact details can be updated
- Update progress indicator
  - First phase implemented in January

# Contact update

## STEP 1

### Membership contacts

Please review contact details associated with your membership.

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## STEP 2

### Organization contacts

Please review contact details for your organisation. This information is also used to publish as an Organisation object in Whois database.

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## STEP 3

### Incident response contacts

Please update the contact details for handling network abuse or security incident reports associated with your Internet resources.

This information is mandatory by APNIC Policy and is used to published as an [IRT object](#) in the Whois database.

# Contact update

## Contact Review & Update

To meet [Resource Management Policy](#), you must keep all your contact details up-to-date. Please review and update your contact information below.

A green tick indicates other users have already reviewed and confirmed the records.

If you do not have the permissions to edit all records, please escalate this to your Corporate Contacts or the person responsible for the information.

### STEP 1

#### Membership contacts

Please review contact details associated with your membership.

[Add new contact](#)

| Full name | Email              | Phone        | Mobile       | Job title | Corporate ? | Billing ? | Technical ? | Edit ? | Delete ? | Permissions ? |
|-----------|--------------------|--------------|--------------|-----------|-------------|-----------|-------------|--------|----------|---------------|
| CC Name   | cc-email@apnic.net |              | 555-543-1234 |           | *           | *         | *           | Edit   | Delete   | Edit          |
| BC Name   | cc-email@apnic.net | 555-555-5555 |              |           |             | *         |             | Edit   | Delete   | Edit          |
| TC Name   | tc-email@apnic.net |              |              |           |             |           | *           | Edit   | Delete   | Edit          |

[Confirm](#)

# Contact update

## Contact Review & Update

To meet Res...

update your...

A green tick...

If you do no...

person resp...

### Delete Contact

Use this page to delete a specific contact.

|                  |  |                     |  |
|------------------|--|---------------------|--|
| <b>Full name</b> | <input type="text" value="Vivek Nigam"/> | <b>Email</b>        | <input type="text" value="no-email1234@apnic.net"/>  |
| <b>Phone</b>     | <input type="text"/>                     | <b>Mobile</b>       | <input type="text"/>   |
| <b>Job title</b> | <input type="text"/>                     | <b>Contact type</b> | <input checked="" type="checkbox"/> Corporate ?<br><input type="checkbox"/> Billing ?<br><input checked="" type="checkbox"/> Technical ? |

[Delete contact](#)

[Close](#)

[Add new contact](#)

| Full name | Email              | Phone        | Mobile | Permissions ? |
|-----------|--------------------|--------------|--------|---------------|
| CC Name   | cc-email@apnic.net | 555-555-5555 | *      | Edit          |
| BC Name   | bc-email@apnic.net |              | *      | Edit          |
| TC Name   | tc-email@apnic.net |              | *      | Edit          |

[Confirm](#)

# Contact update

## STEP 2

### Organization contacts

Please review contact details for your organization. These details are used to publish an Organization object in the whois database.

[Edit Member Details](#)

Fields marked with an asterisk (\*) are required

#### Account details

**Account** APNICtest-AP  
**Tier** Small

#### Organization details

Organization details are used for your Organization object in the APNIC Whois database.

**Organization** APNIC Pty. Ltd.  
**Trading name** MyAPNIC Test  
**Organization email \*** helpdesk2@apnic.net  
**Office address \*** 6 Cordelia St!!  
South Brisbane  
Testing Testing Testing Testing  
**Country/economy** AU  
**Phone \*** +61-7-38583199  
**Fax**

#### Billing details

**Billing address \*** Attention: Accounts Payable  
**City** Brisbane  
**State** Queensland  
**Economy** AU  
**Post code** 4101  
**Phone \*** +617 3858 3142  
**Fax** +617 3858 3199

#### Web information

**Logo URL** http://www.apnic.net/logo  
**Website** www.apnic.net

#### Industry and resource usage

**Industry type \*** Industrial (construction, mining, oil)  
**Resource usage type \*** Internet Exchange Point  
IP transit services (local, national, international)  
Online services (web portal, gaming, mobile apps etc.)

[Confirm](#)

# Contact update

**Add IRT Object**

**Add IRT Object**

**Info**  
If you want to use an IRT object that already exists in whois, click "Add Existing IRT Object" button to register that object.

**IRT name**

**Network abuse email**

**Maintainer**

**Address line 1**

**Address line 2**

**Address line 3**

**Address line 4**

**Submit**

# Contact update

The screenshot displays the APNIC MyAPNIC interface with a modal window titled "Add Existing IRT Object". The modal contains the following elements:

- Title:** Add Existing IRT Object
- Instruction:** To add an existing IRT object in MyAPNIC, please enter the IRT object name and password below:
- Form Fields:**
  - IRT name:** A text input field containing "IRT-EXAMPLE-AP".
  - Password:** A text input field.
- Buttons:** A blue "Submit" button and a "Close" button in the bottom right corner.

In the background, the "Add IRT Object" button is visible on the left, and a table with a "Name" header is partially visible. At the bottom of the page, there is a "Confirm" button and a pagination control showing "Previous", "1", and "Next".

# Next round of improvements

- Update of whois contact objects included in process
  - Role and person
- Contact review reminder email
  - If reminder email receives a bounced response then a second response to be sent notifying about invalid contact
  - Invalid contacts to be tagged and displayed within the consolidated feature page within MyAPNIC
- Future changes
  - User feedback
  - Consider impacts of future policy proposals



# Next conference



APRICOT 2019  
Daejeon, Republic of Korea  
18 to 28 February 2019  
<https://2019.apricot.net/>  
**Participate, participate,  
participate!**

# Thanks!

