



Asosiasi
Penyelenggara
Jasa
Internet
Indonesia

INDONESIA INTERNET SERVICE PROVIDER ASSOCIATION



IDNIC

indonesia
network
information
centre

IDNIC NIR OPERATION UPDATE

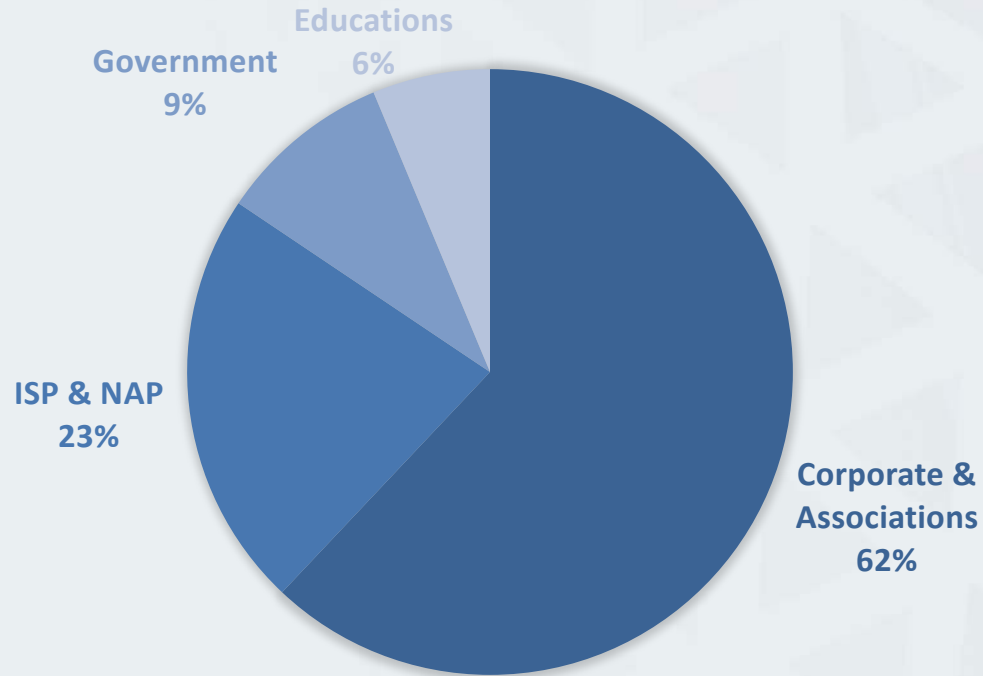
Manila, 28 Feb 2023

Member Growth & Statistics



+30% Growth per year, in last 3 year

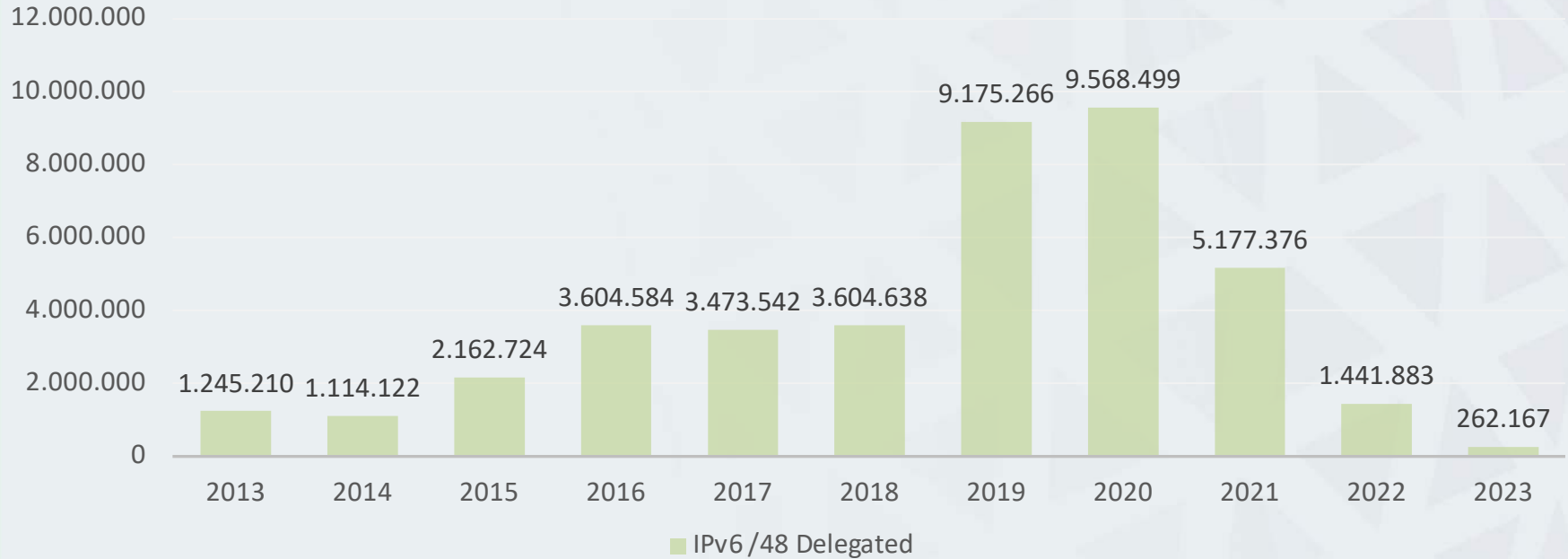
IDNIC Members Segmentation



Resource Delegation Statistics



Resource Delegation Statistics

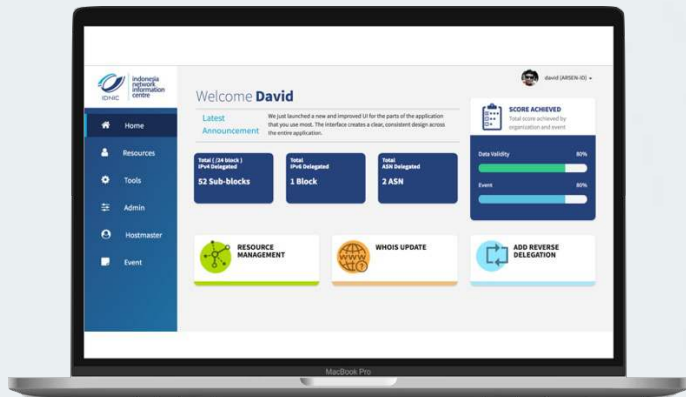


Resource Delegation Statistics



Most ASN is delegated to
Corporate & Gov member
type

NIR Services



Manage IPv4,
IPv6, and ASN
resources

Whois
Update &
Tools

Trouble
Ticket

ROA & RPKI
Requests

New

NIR API &
RDNS API
Integration

Avg 1.314 monthly
users



203.119.13.0

Advanced Options

QUERY

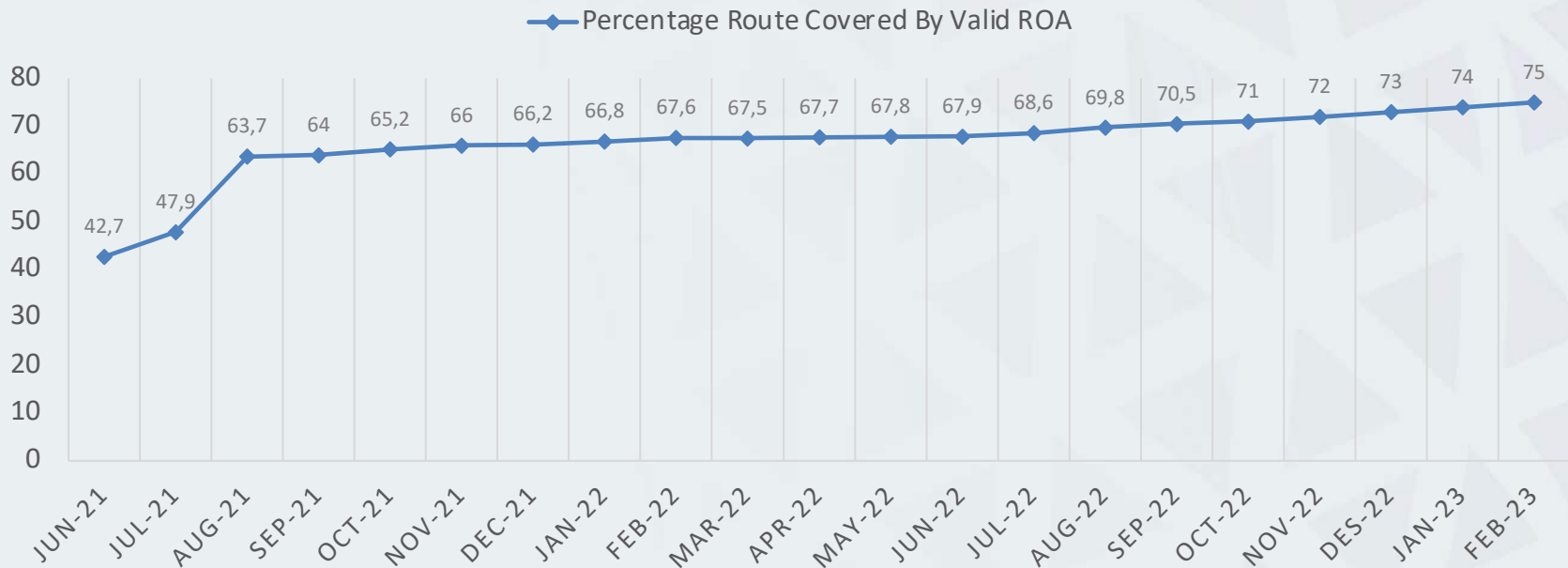
```
route: 203.119.13.0/24
descr: Proxy-registered route object
origin: AS4622
notify: radb@hutchcity.com
mnt-by: MAINT-AS9304
changed: radb@hutchcity.com 20090730
source: RADB
```

```
route: 203.119.13.0/24
descr: ID-NIC
descr: Indonesia Network Information Center
descr: Jakarta Selatan
country: ID
origin: AS4622
mnt-by: MNT-APJII-ID
last-modified: 2008-09-04T07:54:29Z
source: IDNIC
```

irr.idnic.net
Mirrored by RADb

RPKI Update

RPKI Implementation Progress



Targeting 90%+ Coverage in 2023

Median of Rsync

60 RPS

Median of RRDP

241 RPS

Network Peak Traffic

143 Mbps

Avg CPU Usage

10%

Avg Memory Usage

34%

<https://repo-rpki.idnic.net>

Support RRDP & RSYNC

Runs On

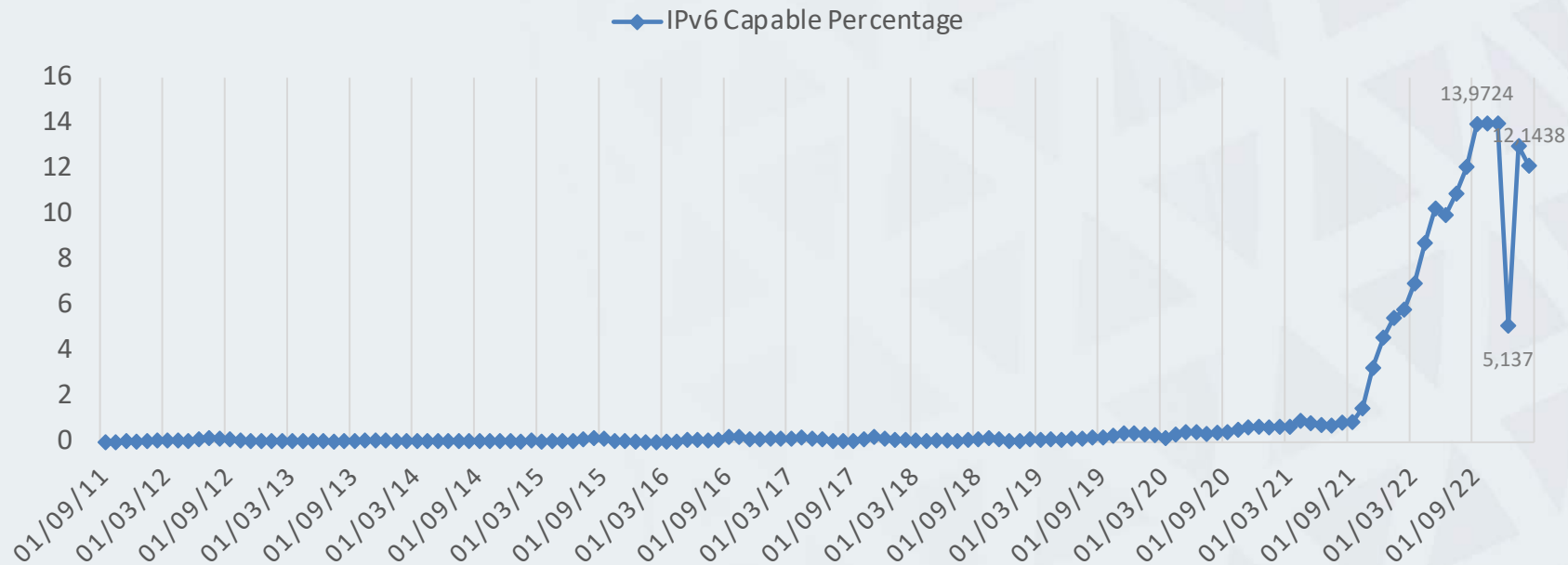
CPU

16 Core

RAM

16Gb

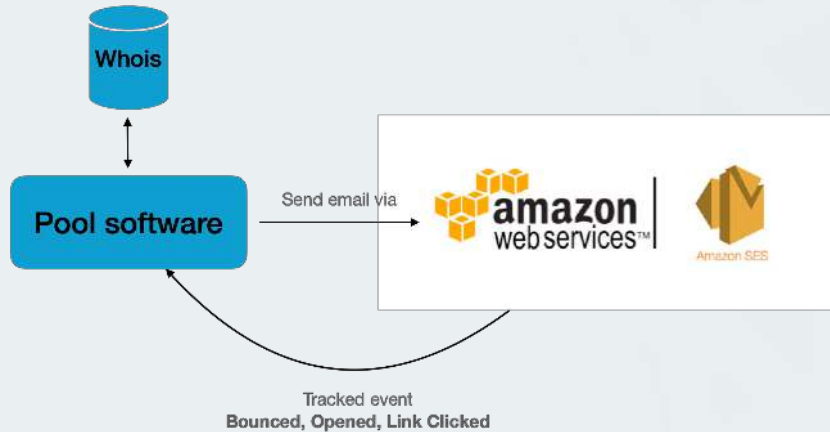
IPv6 Update



Source: <https://stats.labs.apnic.net/ipv6>

Policy Implementation

PROP-125 & PROP-142



Why Amazon SES?

- Ability to use multiple SMTP and changes IP (If reputation goes bad, and our automatic email marked as spam)
- Ability to track email open, bounced, and received
- Ability to send bulk email in timely manner

- 2297 IRTs
- 2325 validation email sent
- 321 validation email bounced
- 1679 validation email confirmed
- 72,2% validation rate

david@test.co.id MNT-APJII-ID

Account temporary suspended, please complete IRT validation process [here](#)



indonesia
network
information
centre

Home

Resources

Tools

Admin

Support

Welcome **david@test.co.id**

Total (/24 block)
IPv4 Delegated

28 Sub-blocks

Total
IPv6 Delegated

1 Block

Total
ASN Delegated

2 ASN



RESOURCE MANAGEMENT



WHOIS UPDATE



ADD REVERSE DELEGATION

myIDNIC Account Temporary Suspended

Clarify & Reconcile **transfer** record type:

- prop-50
- merger-acquisition
- hrt
- hrm
- membership-transfer
- exchange
- reversal
- correction
- test

Product Development

Users

1029

**Course
Material**

8

Student

897

E-Certificate

684

Basic

Intermediate

Advanced

IPv6



IPv6 Fundamental



IPv6 Address
Planning



IPv6 Deployment

Information
Security



InfoSec Fundamental



Cybersecurity Awareness
DDoS Attack Prevention



Network Security

Internet
Routing



BGP Basic
Routing Basic



Internet Routing
RPKI Deployment



Routing w/ RPKI

IRM



Internet Resource Management

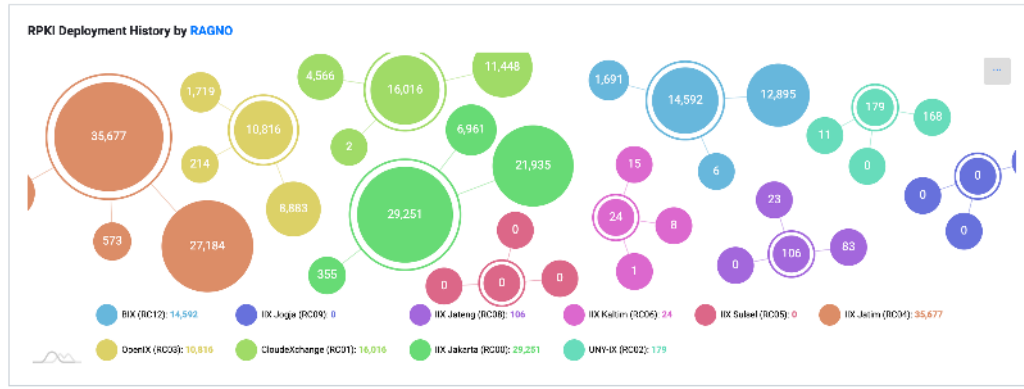
KADABRA



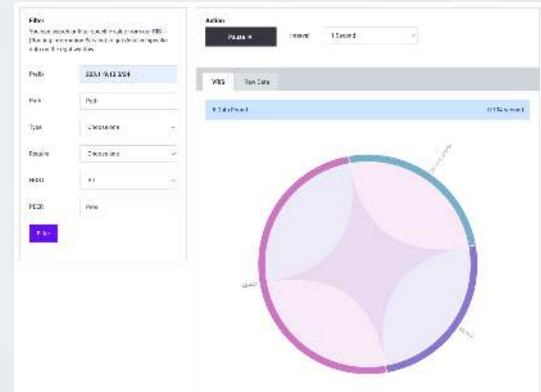
[Home](#)
[BGPlay](#)
[Dataset](#)
[Apa itu KADABRA?](#)
[Bergabung dengan KADABRA](#)

Routing Information Service Live (RIS Live)

RIS Live is a feed that offers BGP messages in real-time. It collects information from the RIS Route Collectors (RRCs) and uses a WebSocket JSON API to monitor and detect routing events around the world. A non-interactive full stream ("firehose") is also available.



Now connected to
10 Internet Exchanges!



Route Leak Monitoring System

AS15169 ROUTE LEAK

Incident Type	ROUTE LEAK
RC	
Begin	Thu Feb 17 2022 19:41:43 GMT+0700 (Western Indonesia Time)
End	Invalid Date
AS_PATH Origin	[139190, 15169]
AS_PATH Changed	[136106, 139190, 15169]
Monitored Prefix	
Description	

Operational Hours

09:00 - 17:00 GMT+7

Address

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