

NIR SIG@APNIC41  
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# JPNIC Updates

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一般社団法人 日本ネットワークインフォメーションセンター

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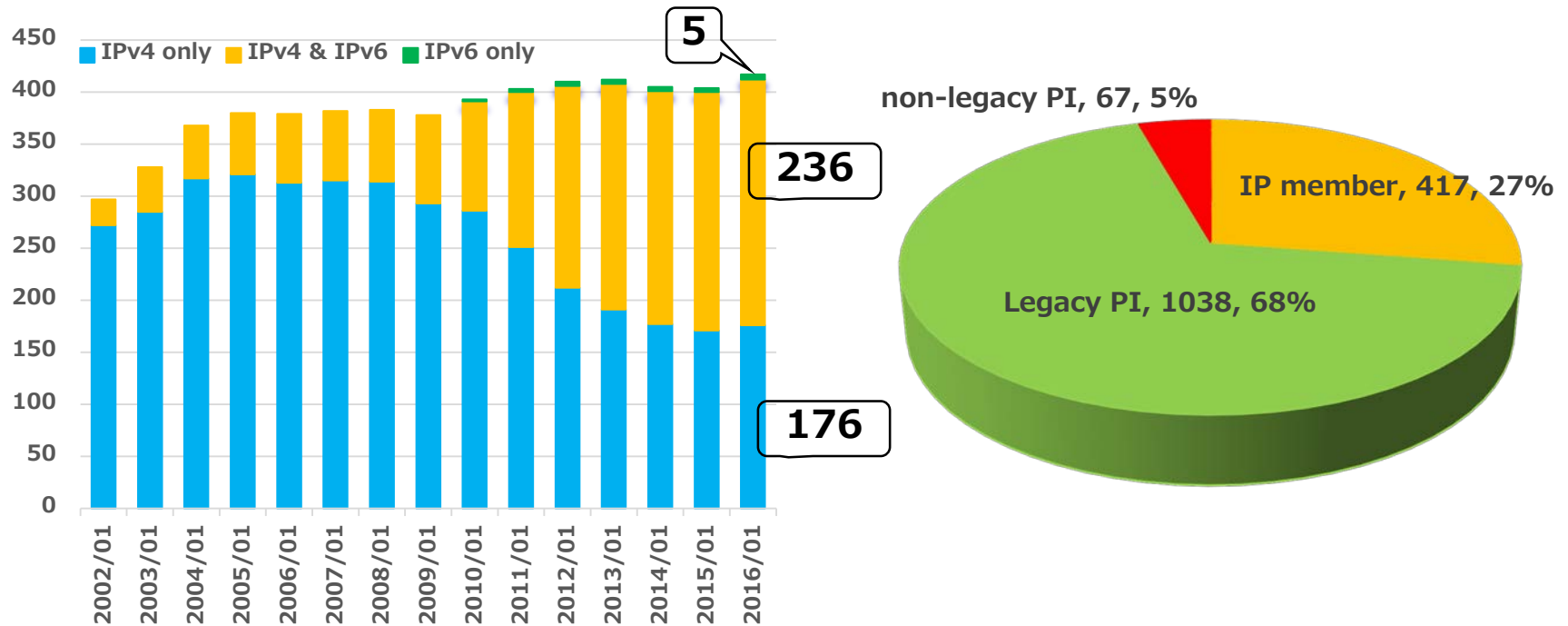
# Statistics



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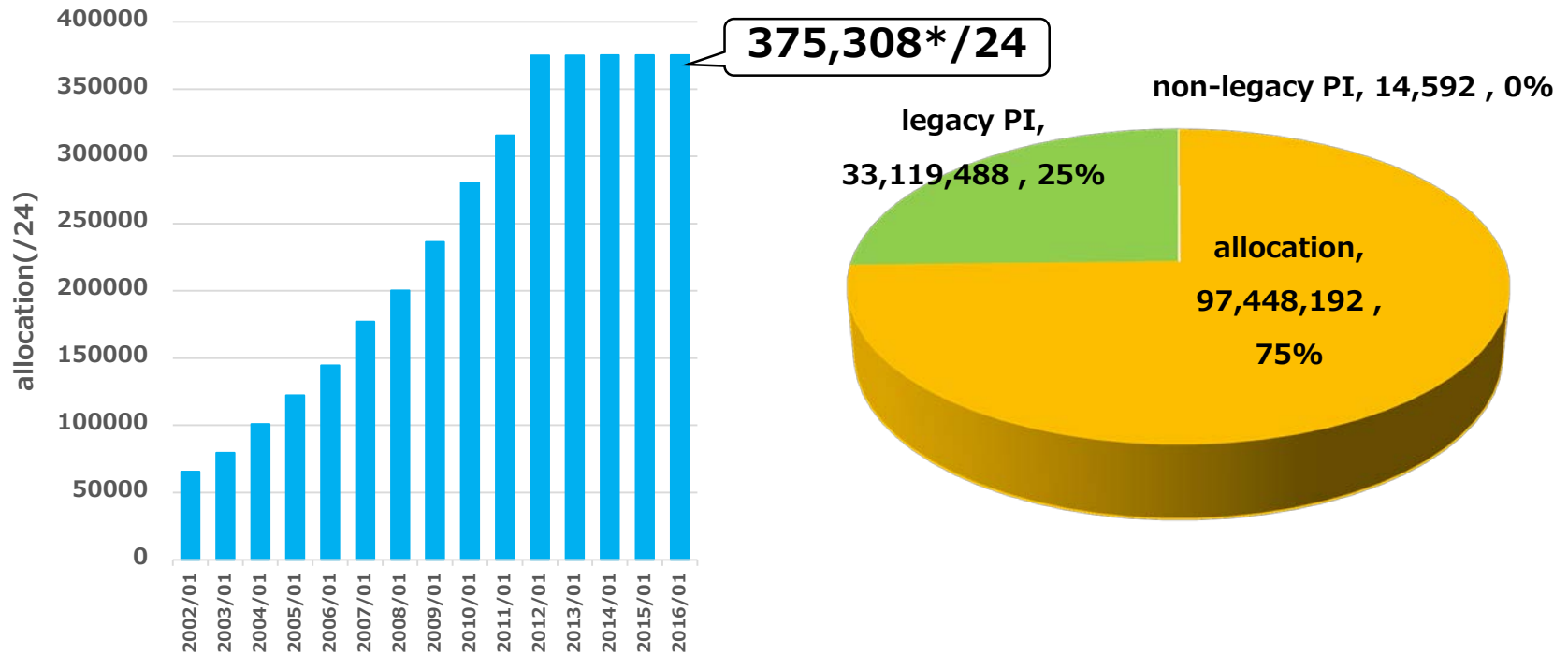
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# Member/Resource holder



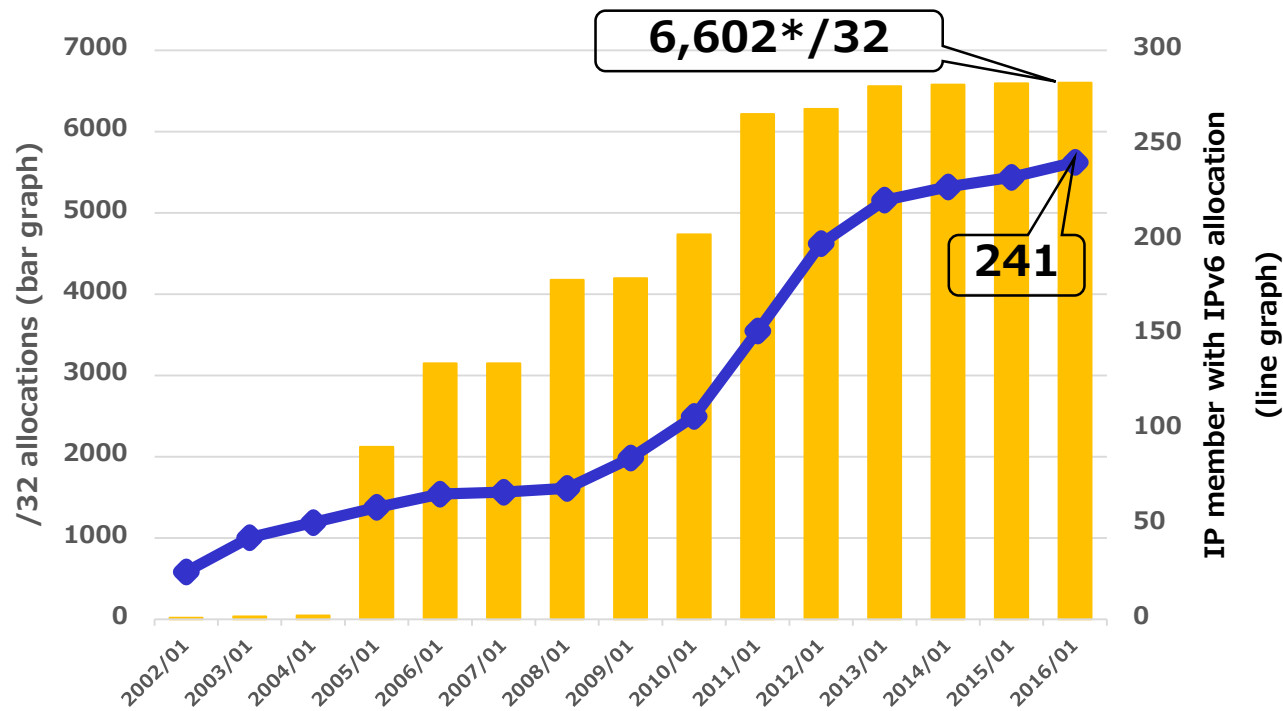
- 417 IP Member and 1,100 resource holder
- The legacy space is about 30%

# IPv4



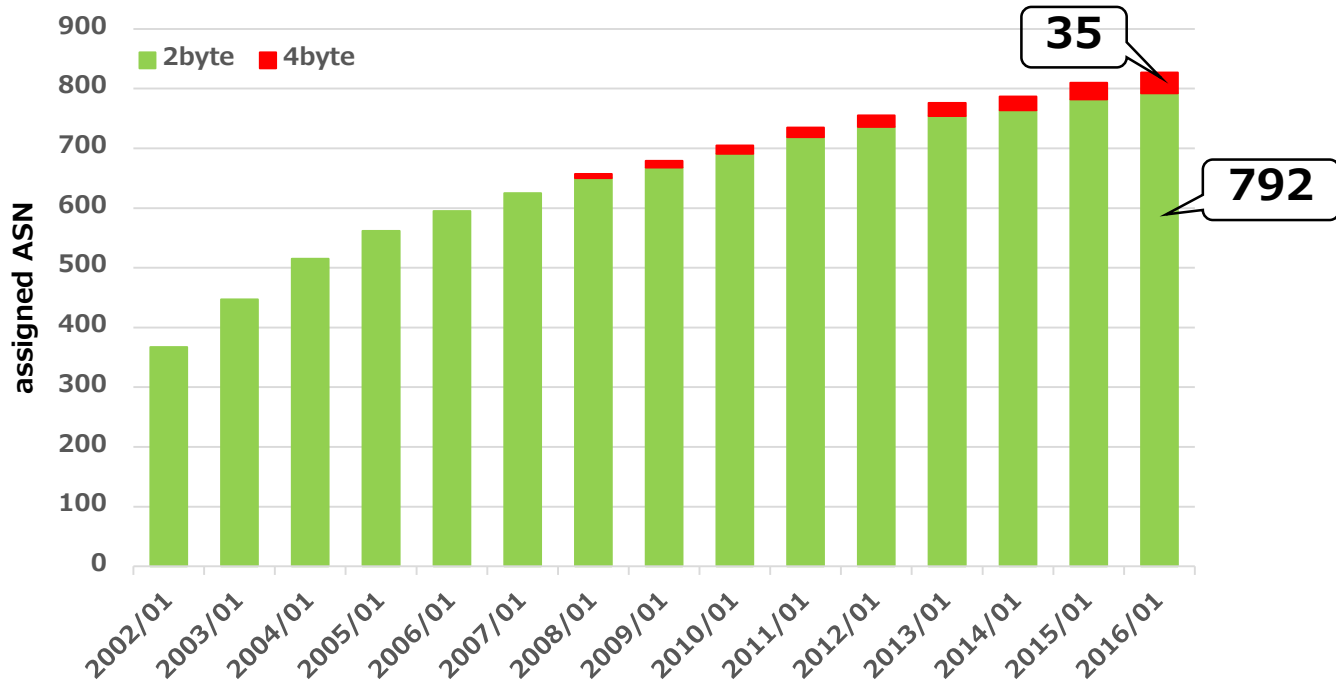
- Total IPv4 Managed by JPNIC = 7.7 \*/8
- The legacy space is about 25%

# IPv6



- Total IPv6 Managed by JPNIC = 6,602 \*/32
- 60% of IP member have already received IPv6 allocations.

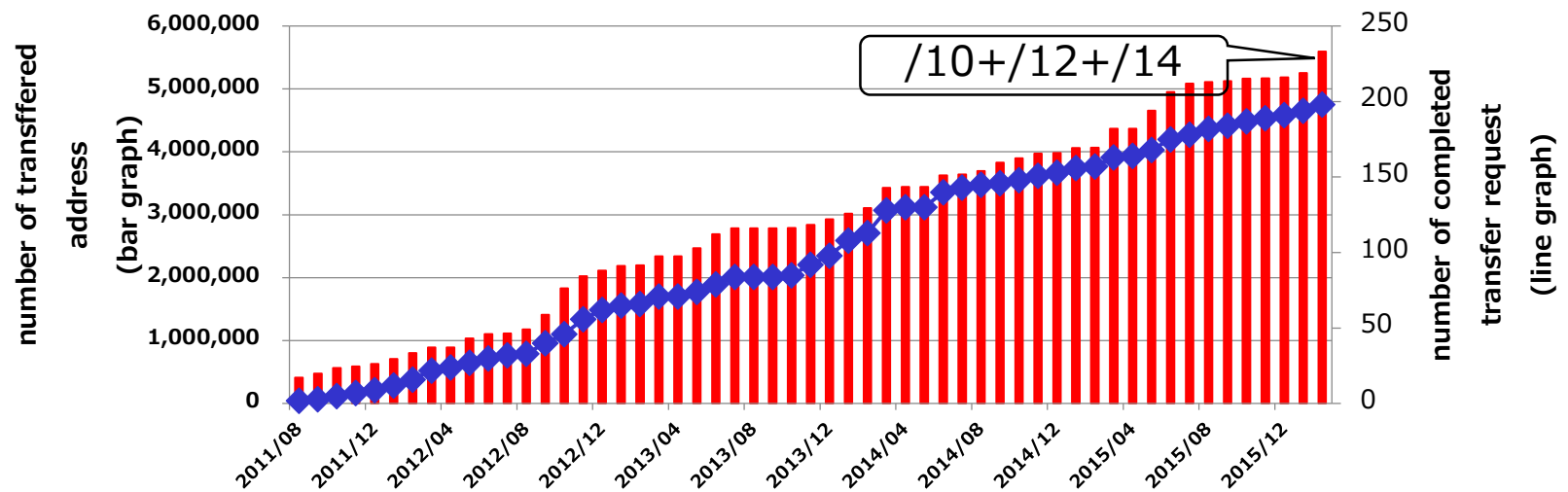
# ASN



- About 830 ASNs has been assigned
- Increasing 4 byte-ASN assignment

# Transfer

- 200 cases completed
  - IPv4 : 198 cases (2011/08-2016/02)
  - ASN : 2 cases (2014/06-2016/02)
- Inter registry transfers (All cases are IPv4)
  - From/To APNIC : 13 cases
  - From/To ARIN : 6 cases





# Activities

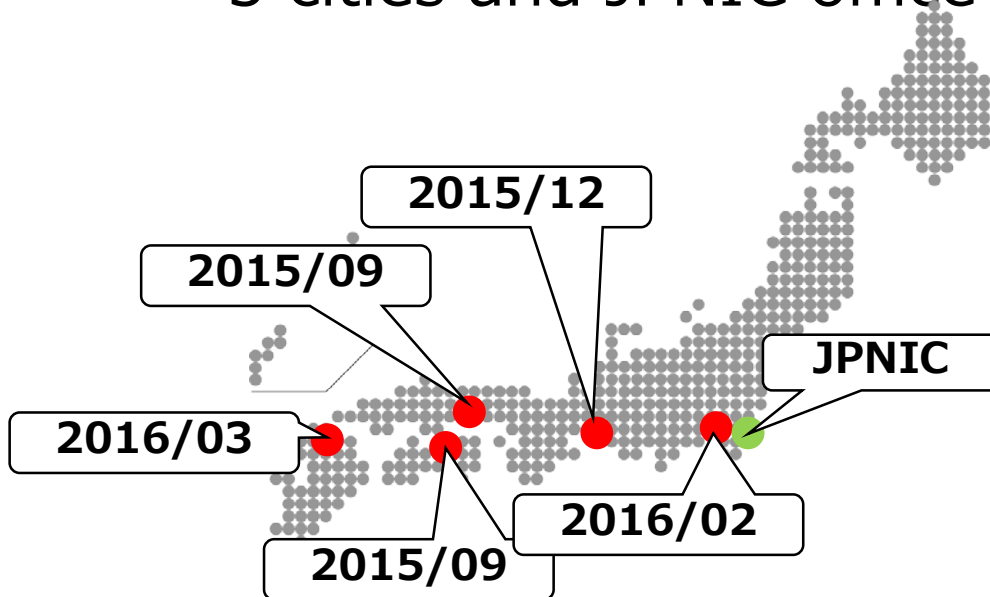


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# IPv6

- JPNIC focus on improving technical knowledge of operators
- IPv6 Technical hands on seminar
  - Collaborate with regional ISPs and held 9 times in 5 cities and JPNIC office



# JPNIC Open Policy Meeting

- 29th(2015/11/17)

※About 30 attendees

- No Policy proposal
- 6 informational sessions
  - APNIC40 conference report
  - The report on APNIC40 fellowship program provided by the APRICOT-APAN 2015 fellowship committee
  - Status update of the IANA Stewardship Transition
  - Introducing about activities of ASO AC
  - discussion about IPv4 allocation
    - contiguous delegations or not?
  - discussion about IPv4 Transfer Pre-approvals



# Internet Governance related activities by JPNIC

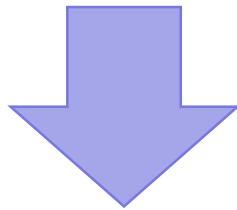
In 2015

IANA Stewardship Transition, Enhancing ICANN Accountability, IGF2015, WSIS+10, NETmundial Initiative

Keep track of Key discussions

Global Discussions

Input from the Japanese perspective



Update Global discussions



Discussions in Japan

Facilitate discussions in Japanese Community

JPNIC serves as the secretariat

Internet Governance Conference Japan  
**IGCJ**  
日本インターネットガバナンス会議

<http://igcj.jp/>

# Challenges

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- Awareness raising and nurturing the Japanese Community in this arena
- A wide range of issues being discussed – keeping track of key discussions and identify what is relevant from the Japanese perspective
- Voice from Japan/the Asia Pacific very limited in the global discussions

# DNSSEC in the reverse zones

- Started registration in Nov 2015
- Completed the trust of chain

Example of the trust of chain  
(0.9.d.0.1.0.0.2.ip6.arpa in Nov 2015)

DS records registration form in RMS

逆引きネームサーバ追加・削除

申請内容を入力し、「申請」ボタンを押してください。(※印は必須入力項目です。)

IPネットワークアドレス: 202.1216.0/22

現在登録されているネームサーバ

削除対象	ネームサーバ
<input type="checkbox"/>	ns0.nic.ad.jp

追加するネームサーバ

ネームサーバ: (半角英数字) (例) ns.example.ad.jp

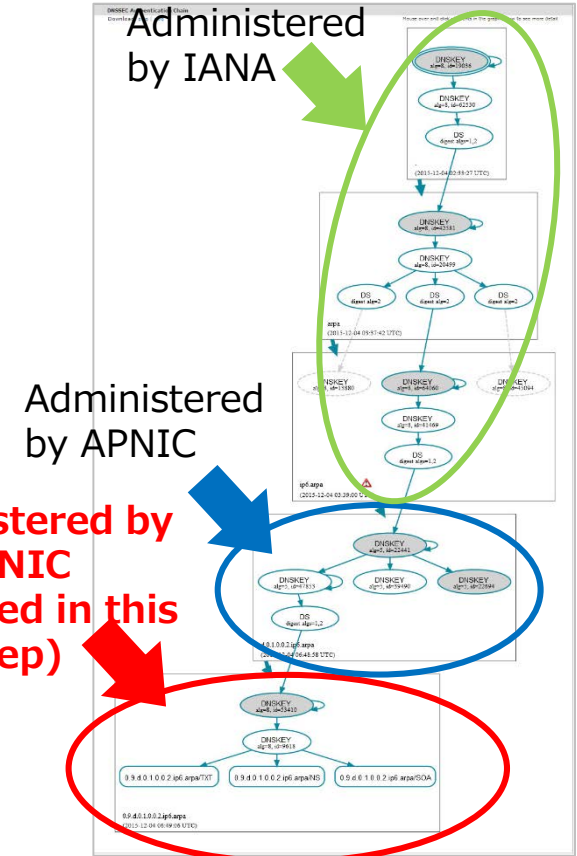
追加するDSレコード

削除対象	DSレコード
<input type="checkbox"/>	216.1.202.in-addr.arpa. 98400 IN DS 26515 8 1 AB4EB084D4F0DBA76E9AA3A083F60CF922C8BA1
<input type="checkbox"/>	216.1.202.in-addr.arpa. 98400 IN DS 26515 8 2 2DCFC81747C9K58D955B7FD33E11895F9B59CDD037221D060C78D4A896CF22

追加するDSレコード

delete the DS records already registered

register new DS records



<http://dnsviz.net/>

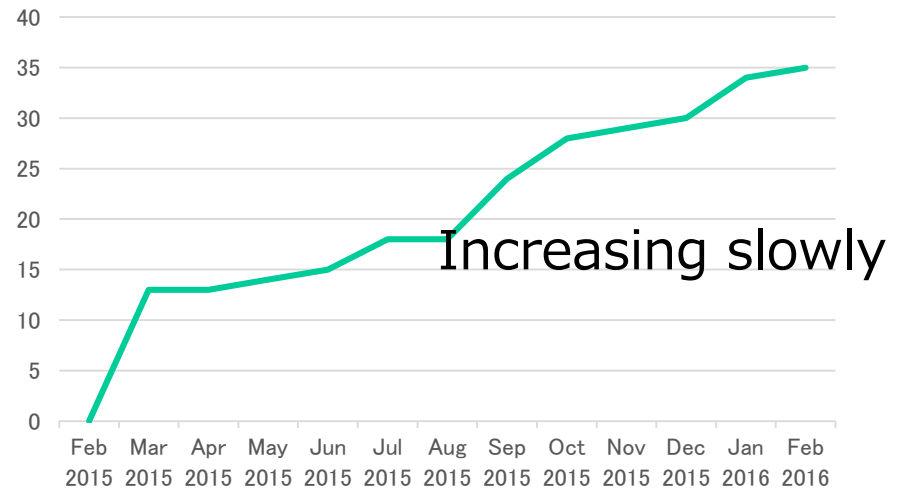


# RPKI - It is one year past after launching.

- **Talks/Tutorial/BoF**
  - JPNIC is participating technical conferences or holding RPKI tutorial and BoF.
- **Number**
  - 35 resource certificates covering 1.7%(IPv4), 0.8%(IPv6) and 107 ROAs issued



RPKI seminar/BoF (2016/2/9)



# Thank you!



JPNIC Blog <https://blog.nic.ad.jp/>  
(Sorry, All contents are written by Japanese)



JPNIC secretariat



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