

NIR SIG@APNIC50
September 2020

JPNIC Update

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Impact on JPNIC by COVID-19①

- **Japan's situation**

- About 70,000 cases have been confirmed.(4 Sep)
 - Many of confirmed cases were found in big cities like Tokyo.
 - Now, the number of confirmed cases are increasing.
- Government declared the emergency situation from 7 April to 25 May.
 - Prime Minister and Government asked us to stay home.
 - Many office workers and students were working and studying from home during this term.
- Many of events were cancelled, postponed or switched online event after this March.
 - The Olympic and Paralympic Games Tokyo 2020 postponed to 2021.

References:

https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/newpage_00032.html

https://japan.kantei.go.jp/ongoingtopics/coronavirus_info_e.html

<https://tokyo2020.org/en/news/joint-statement-from-international-olympic-committee-and-tokyo2020>

Impact on JPNIC by COVID-19②

- **JPNIC's situation**

- Almost all staff are now working from home after this March.

- The average ratio of working from home is about 80%
- Some staff go to office to check postal mail and to seal the official registered stamp on contract document and billing paper.

(Sealing stamps on contract document are our unique culture 😞)

- Our daily operations are almost unchange after March

- Our office was not closed on working days.
- Inquiries by telephone is now suspended

- Many of hosted events were switched online.

- Internetweek2020(technical event) will be held in online format.



Online meeting with our colleague

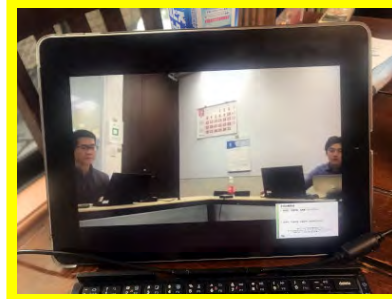
Collaborating with communities

JANOG 46_(2020/08)



JANOG:
Japan Network
Operators
Group

Yamanashi
Security Study
Group _(2020/07)



TOPIC 30_(2020/04)



TOPIC:
Tohoku OPeN Internet Community

JPNIC



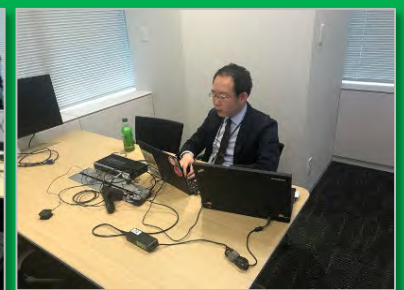
General meeting



equipment



Online Presentation



JPNIC Open Policy Meeting

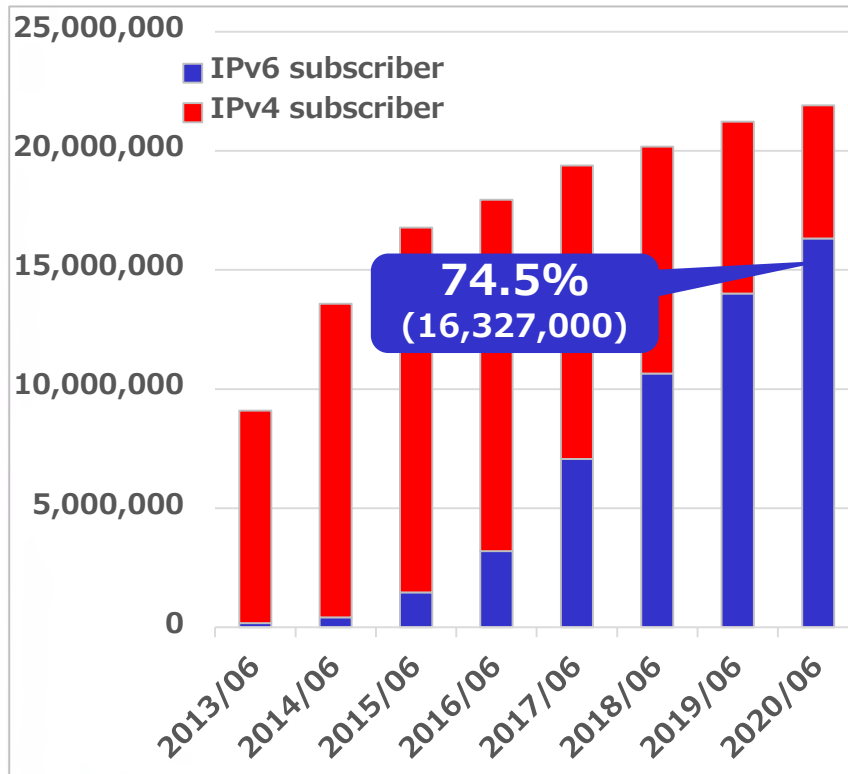
- 38th(2020/06/24) ※Full online ※About 20 attendees
 - No policy proposal
 - 3 Informational sessions
 - Discussion: Holding online JPOPM in the future
 - Status update: Clarification of proposals which did not reach consensus in JPOPF(same as prop-126 and 134 in APNIC)
 - Last update: Activities for maintaining the accuracy of contact information(Related prop-125 in APNIC)

IPv6 deployment

- **Fixed line**

- Flets (by NTT)

IPv6 enable rate at Flets (provided by NTT)

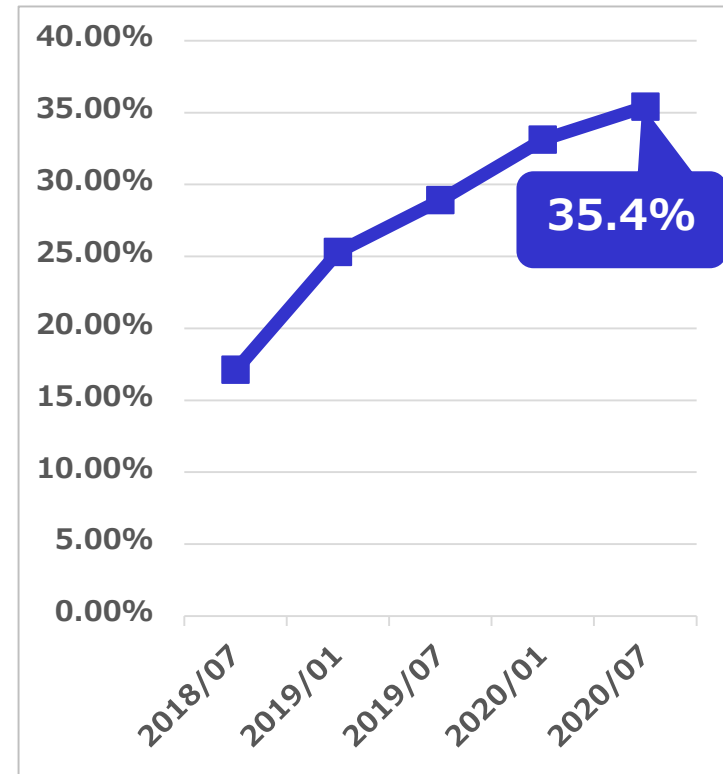


Source:
http://www.v6pc.jp/jp/spread/ipv6spread_03.shtml
APNIC50 NIR SIG (2020/09/08)

- **Mobile**

- au, Docomo, SoftBank

IPv6 enable rate at 3 mobile operator



Provided by Mr. Koji Yasukagawa(SoftBank Corp.)

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Summary of our statistics

- **Member**

- IP member:463 (last time +8)
- Resource holder:1,048 (-2)

- **Resource delegation**

- IP Address (to IP members)
 - IPv4:396,627*/24 (+12*/24)
 - IPv6:7,292*/32 (+11*/32)
- ASN
 - 2byte:615 (-1)
 - 4byte:92 (+10)

- **Transfer**

- IPv4:436 cases (+28)
- AS:7 cases (0)

• **IRR(JPIRR)**
Maintainer:341

• **RPKI**
Published resource certificates:
121 (+10)
Coverage(IPv4):41.2% (+31.9%)
(IPv6):57.3% (+0.5%)



Thank you!

将来のルートゾーンKSK ROに関するパブリックコメントについてレポートが公開されました

📅 2020年8月28日



2020年4月末から延期されていた、将来のルートゾーンKSKロールオーバー計画についてのパブコメ募集に対する結果が、先日まとめられ公開されました。KSKロールオーバーを実施するスケジュールも、今のところCOVID-19の状況次第ということになるようです。

2020年7月のアクセス数Top 10

📅 2020年8月26日

先月のBlog トップ10

2020年7月は、地域インターネットレジストリ(RIR)を解説した記事が一番人気でした。技術情報も相変わらずの人気です。

APNIC 50でのIPアドレス・AS番号分配ポリシーに関する提案ご紹介

📅 2020年8月21日



2020年9月8日からオンライン開催予定の、APNIC 50カンファレンスでのIPアドレス・AS番号分配ポリシーに関する提案のご紹介をします。

業界についてよく知りたい！方に向けたセミナーをオンラインで開催します

カスタム検索 Google検索

2020年7月のアクセス数Top 5

1. 地域インターネットレジストリ (RIR) ってなに? 2020年7月16日
2. 注意! 2019年2月から主要DNSサーバソフトウェアの挙動が変わります 2018年7月10日
3. 2020年6月のアクセス数Top 10 2020年7月22日
4. 1.1.1.1をDNS over HTTPSで試す 2018年4月27日
5. DNS Abuse 2020年6月5日

カテゴリー

- Internet Week
- IPアドレス
- JPNICからのお知らせ
- JPNICについて
- JPNICのイベント
- アクセス数Top 10
- インターネットガバナンス
- インターネットの技術
- コラム
- ドメイン名
- 他組織からのお知らせ
- 他組織のイベント

アーカイブ

- 2020年
- 2019年
- 2018年
- 2017年
- 2016年
- 2015年

maintaining the accuracy of contact information

- **Background**

- APNIC implemented Prop-125 in May 2019
 - Policy proposal include the following point:
It is recommend that all NIRs implement a similar validation process ...
- Discussion at JPOPM 36 in Jun 2019
 - Reached consensus after JPOPM36.
 - JPOPF steering team(moderator of this forum) established working group for further discussions.
- Discussion at WG from Aug 2019 to April 2020
 - Report paper sent to JPNIC after JPOPM38(Jun 2020)
- JPNIC is now working for implementation.
 - We are now checking report paper which we received.

maintaining the accuracy of contact information

- **Summary of Report paper**

- Create new record for abuse contact

- Only for legacy resource and assignment from IP member.
- Abuse contact for allocated prefix to our IP member are already provided and registered in our database.

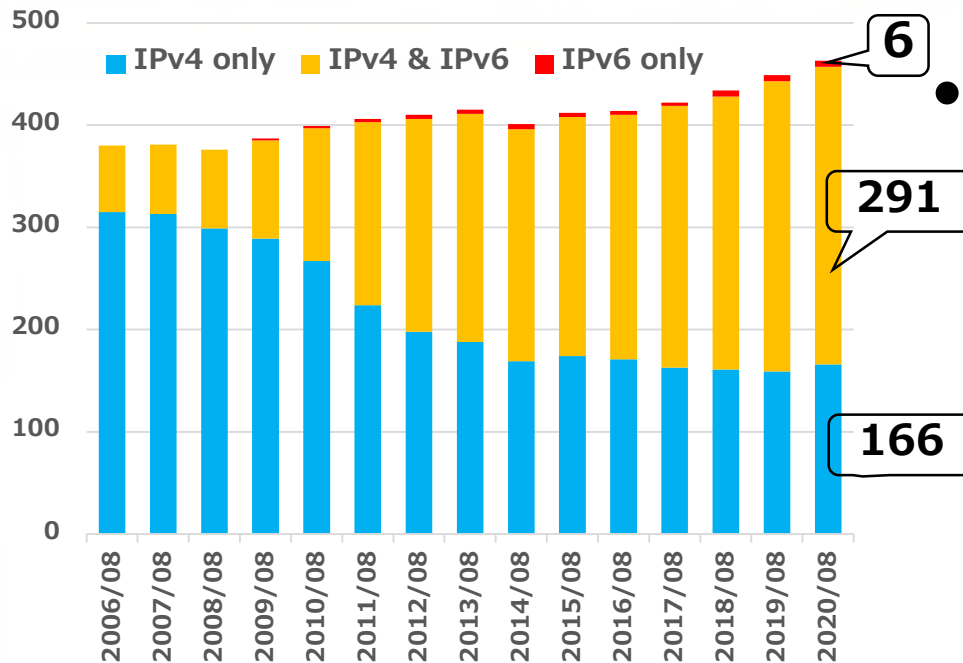
- Result of searching WHOIS database

- It is better to display all data(including abuse contact) at the same time like as APNIC.

- Check the status of receiving email in abuse contact

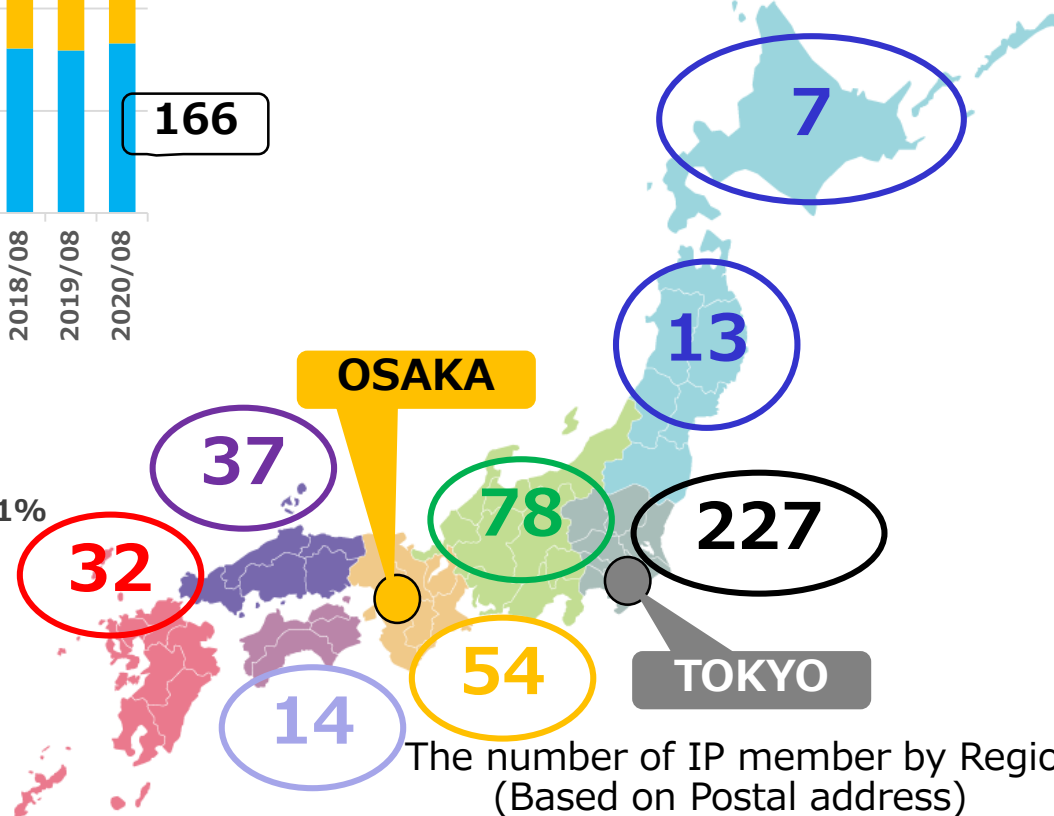
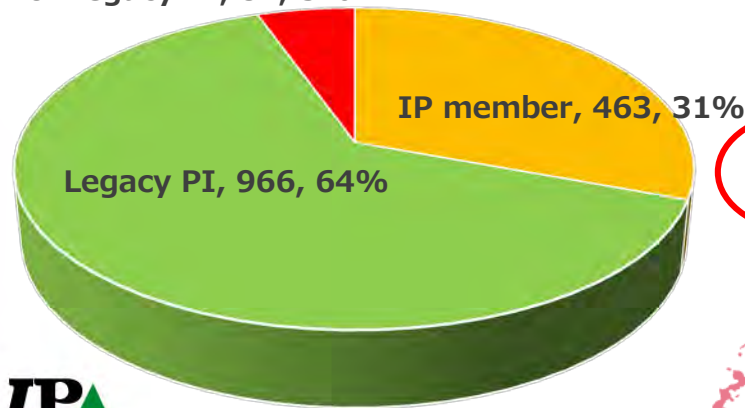
- Sending emails regularly, and it is OK if this email do not come back to us.

Member/Legacy resource holder



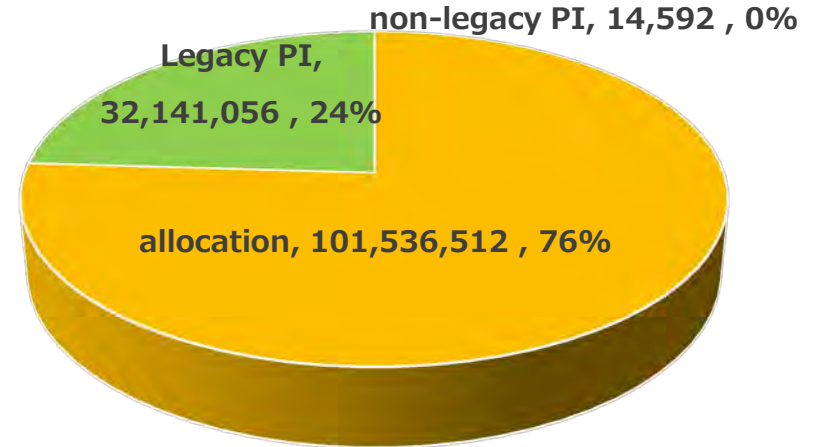
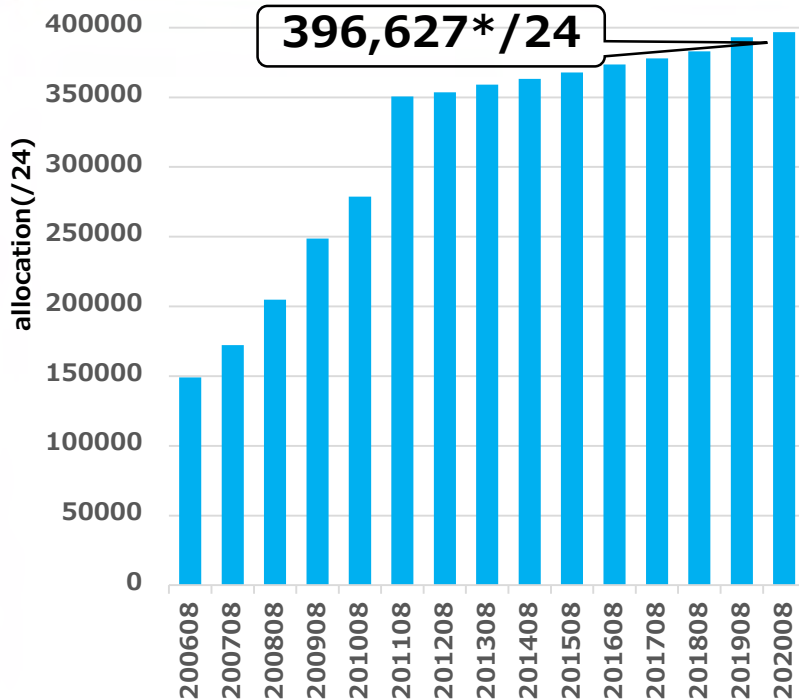
● 463 IP Member and 1,048 resource holder

non legacy PI, 82, 5%



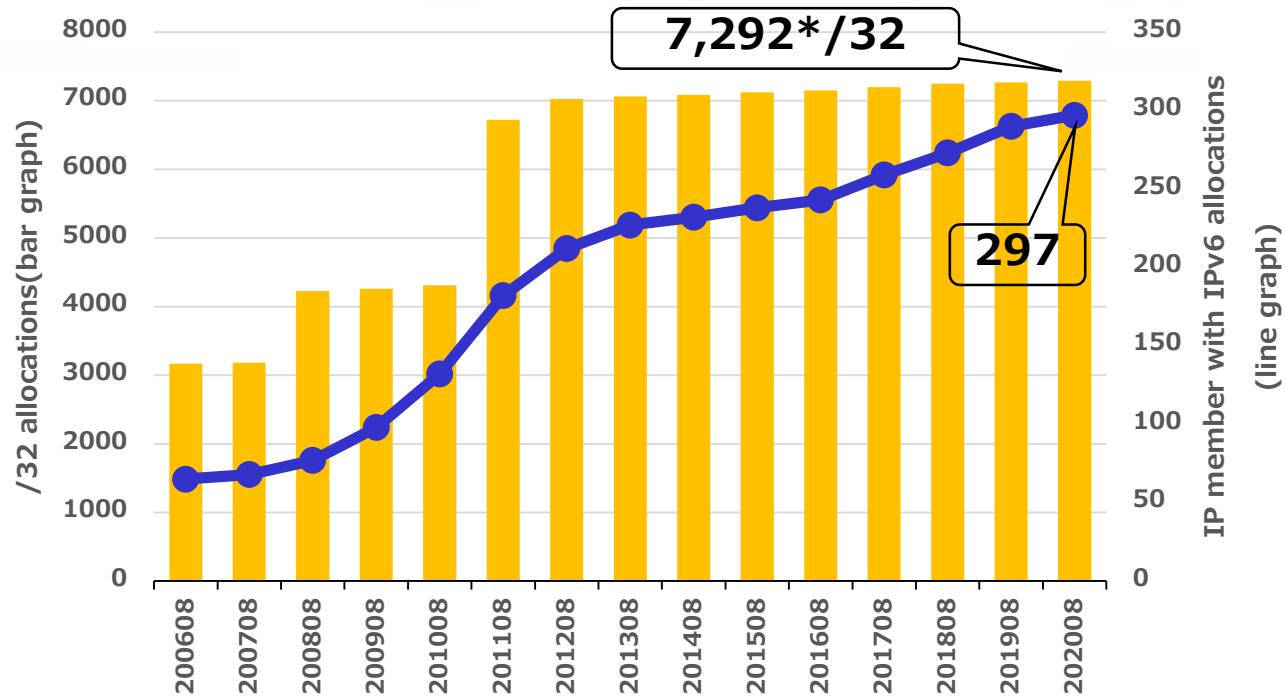
The number of IP member by Region (Based on Postal address)

IPv4 distribution



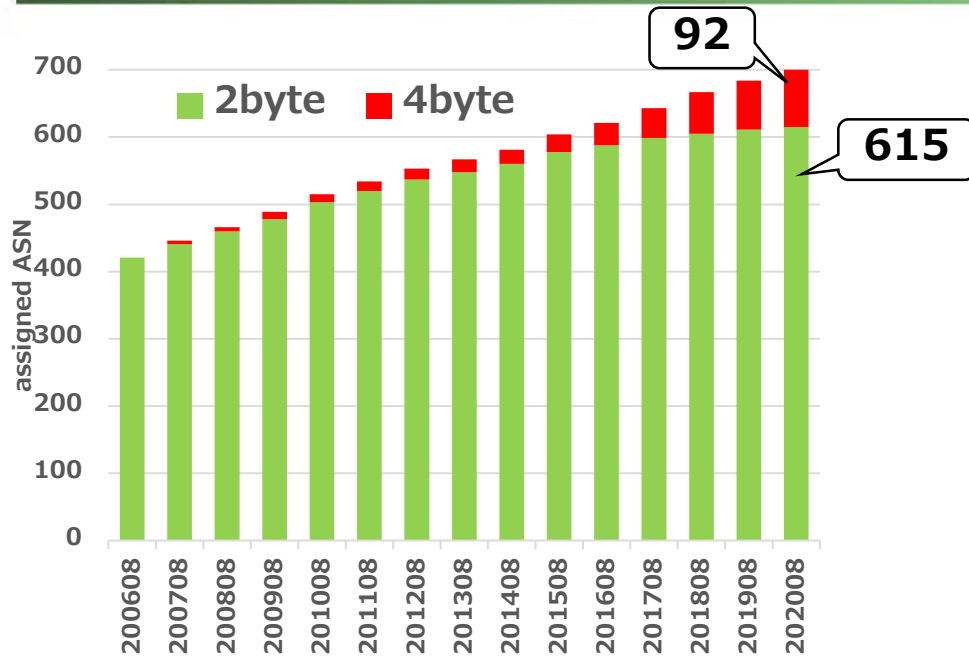
- Total IPv4 Managed by JPNIC = 7.9 */8
- Portable assignment for legacy resource holder is about 25%

IPv6 distribution



- Total IPv6 allocations by JPNIC = 7,292 */32
- 65% of IP member have already received IPv6 allocations.
- There are 148*/48 portable assignments.

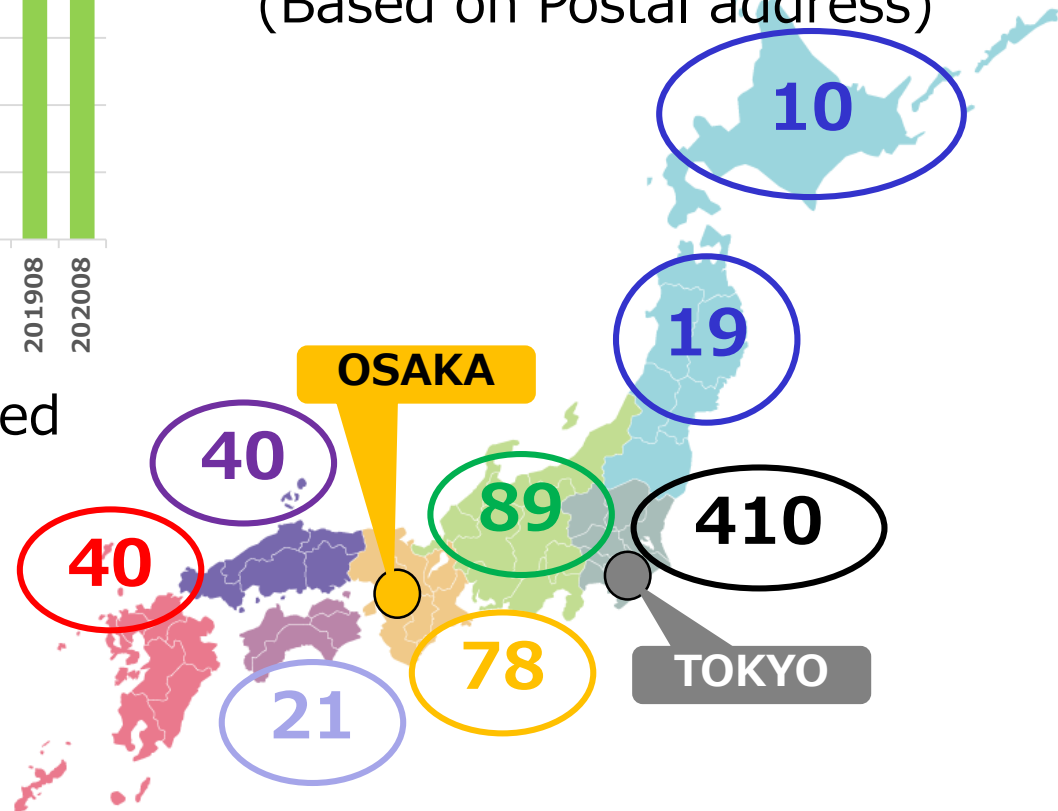
ASN distribution



- 707 ASNs assigned

The number of Assigned ASN by Region (Based on Postal address)

Total number of Assigned ASN by JPNIC



IPv4/ASN market transfer

- 443 cases completed (last time +28 cases)
 - IPv4 : 436 cases (2011/08-2020/08)
 - ASN : 7 cases (2014/06-2020/08)
- Inter registry transfers (All cases are IPv4)
 - APNIC : 33 cases
 - In : 25 / Out : 10
 - ARIN : 45 cases
 - In : 44 / Out : 1
 - RIPE : 17 cases
 - In : 15 / Out : 3
 - NIXI : 1 case (new)
 - In : 1 / Out : 0

