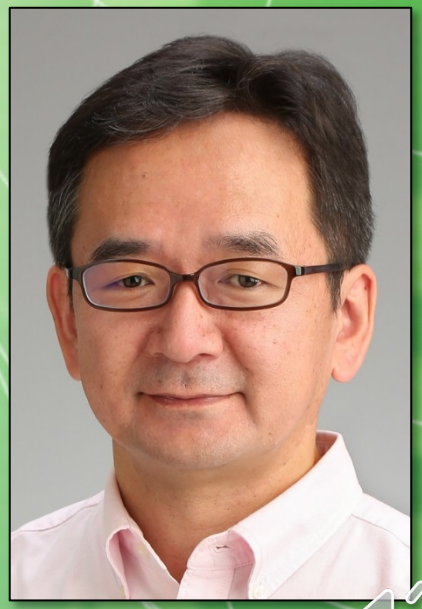
Governance Models in Japan
IP Numbers Management and Promotion

MAEMURA Akinori (前村 昌紀)
JPNIC – Japan Network Information Center



JPNIC 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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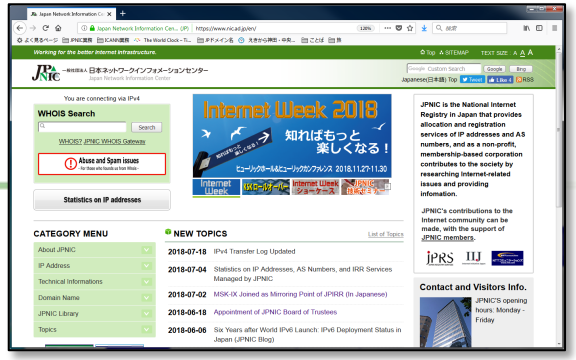
What is JPNIC?

https://www.nic.ad.jp/en/



- Not a ccTLD manager, but
- Internet Promotion Body in Japan
  - Mission Statement: *Contributing to the sustainable operation of the Internet*
  - Half APNIC*ish* – IP Address management
  - And ISOC*ish* business for the other half
- Non-governmental, not-for-profit, an *Incorporated Association* (社団法人)

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ISOCish side of JPNIC

https://www.nic.ad.jp/en/

- Events & Seminars
  - Internet Week – annual conference
  - ICANN Readouts – after every ICANN meeting
  - Tech Seminars – IPv6, Routing, DNS…
- Publishments
  - Paper Magazines (3/year), Mail Magazines (1+/week) , Web and Blog
- Secretariat Support
  - ISOC Japan Chapter, IGCJ, etc.
- Research
- Internet Coordination

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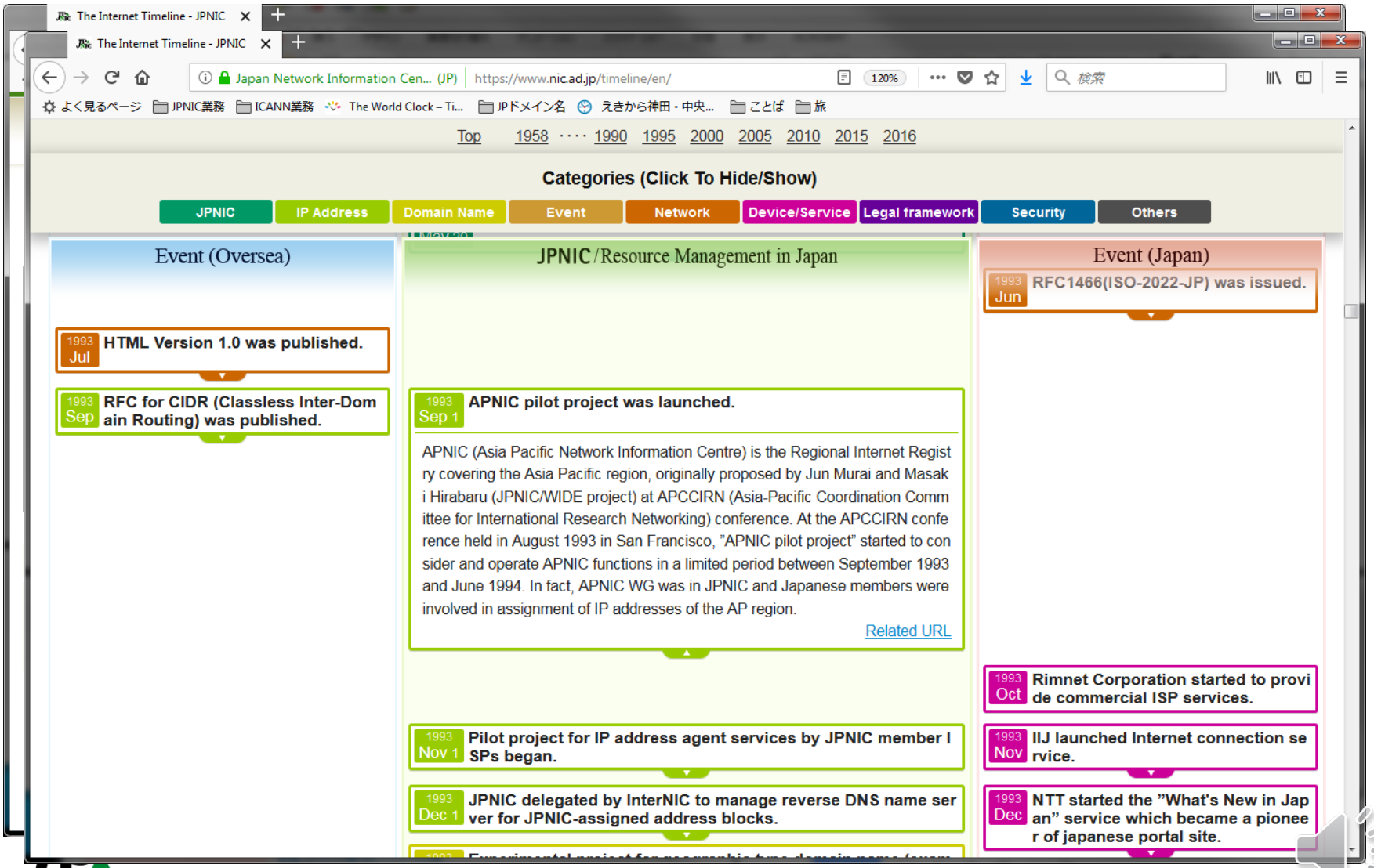
The Internet Timeline

https://www.nic.ad.jp/timeline/en/



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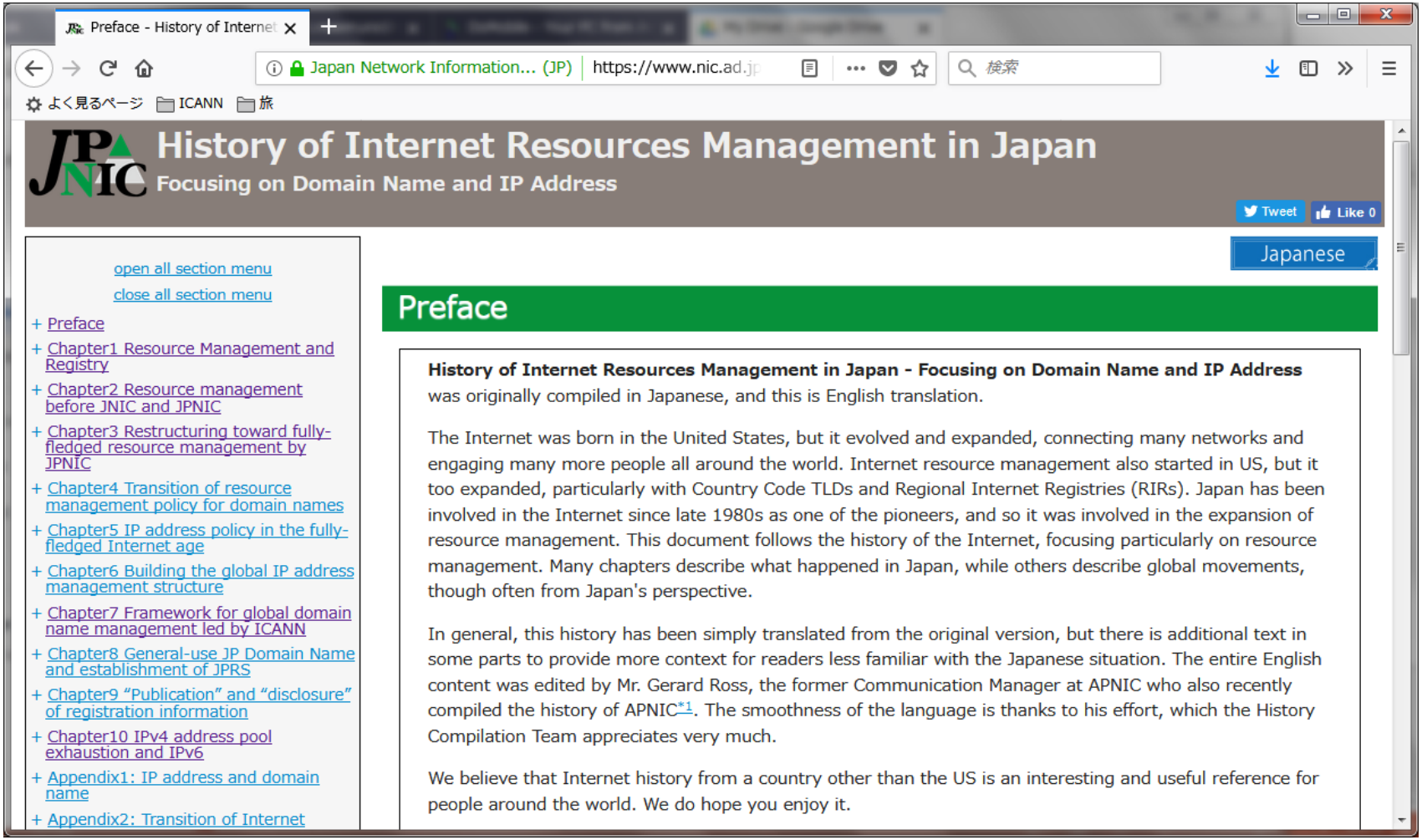
And the History in Japan

https://www.nic.ad.jp/timeline/en/20th/



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APNICish side of JPNIC

https://www.nic.ad.jp/en/

- IP Address Management
  - Since 1991
  - Launched APNIC in 1993
  - Now an *National Internet Registry* under APNIC

  - Maintaining the registry of IP Numbers and their holders
  - Distributing IP Numbers to *Local Internet Registries* in Japan
  - Facilitating the policy development among the community
  - Promoting IPv6 and facilitating IPv4 transfer

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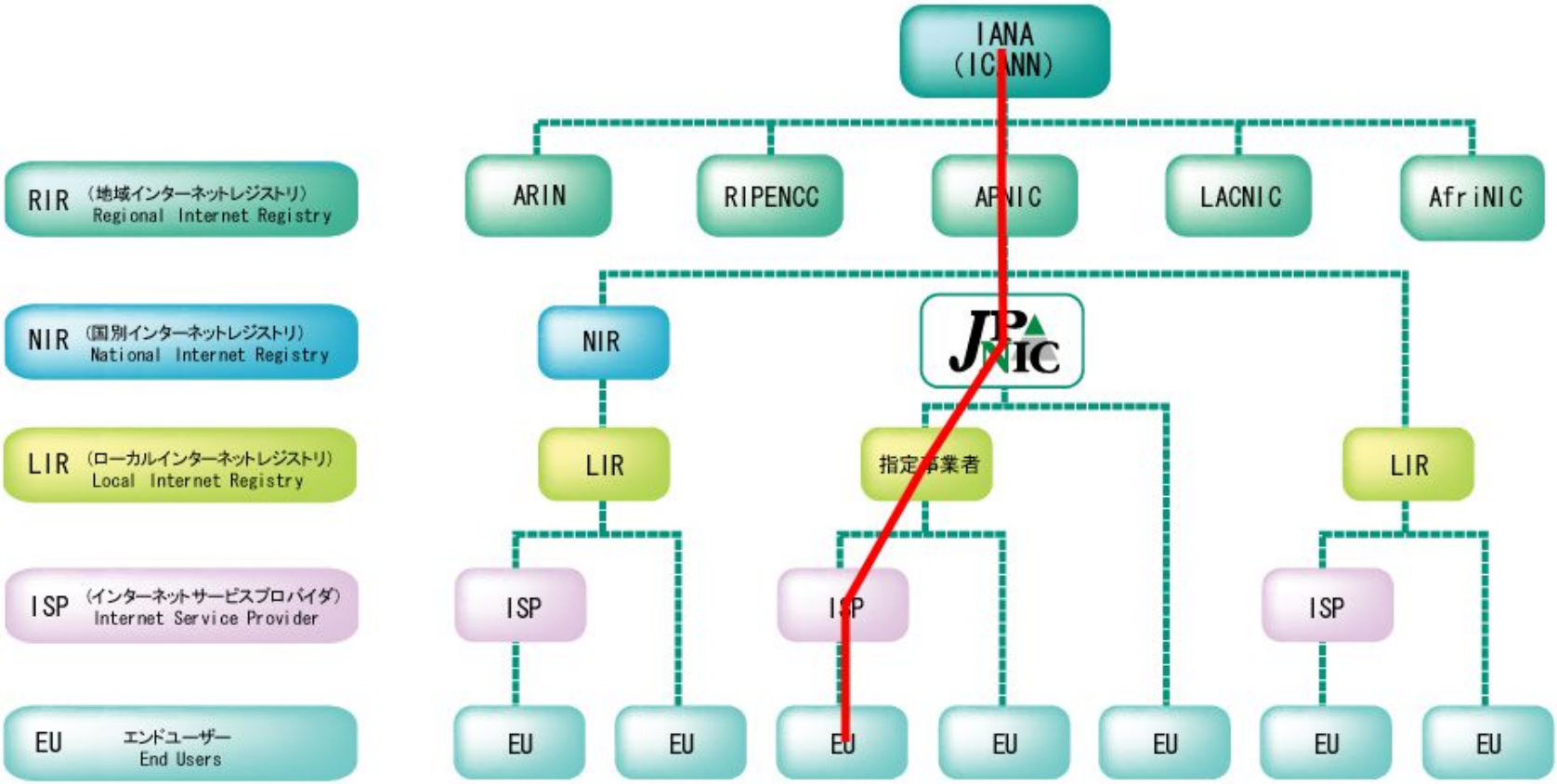
National Internet Registry for Japan

https://www.nic.ad.jp/ja/ip/admin-basic.html

Seven economies with NIRs: CN, ID, IN, JP, KR, TW, VN



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Policy Development on IP Numbers in Japan

Japan Open Policy Forum

= independent community led process

JPOPF Coordination Group

Volunteers

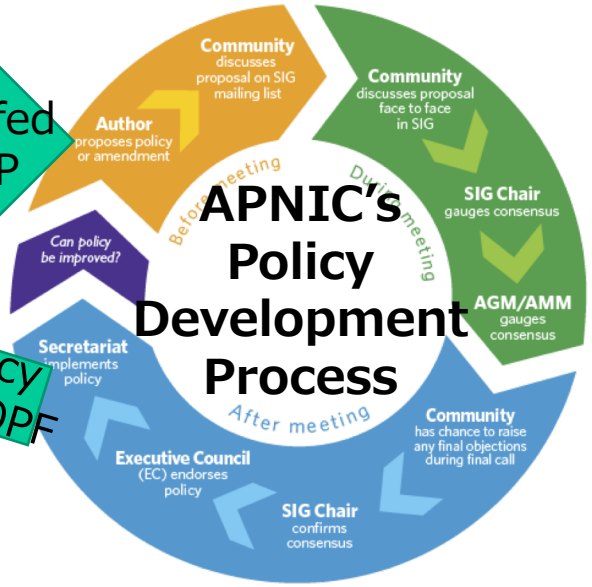
Bi-Annual Meetings

Mailing List

http://jpopf.net/

Proposal to be fed to APNIC PDP

Consensus policy to be fed to JPOPF



https://www.apnic.net/community/policy/process/

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Contributions from Japan to APNIC

*: presently serving

- APNIC Executive Council
  - Toru Takahashi, Takashi Arano, Kazunori Konishi, Akinori Maemura, Izumi Okutani*
- APNIC Address Policy SIG Chairs
  - Takashi Arano, Masato Yamanishi
- APNIC NIR SIG Chairs
  - Akinori Maemura, Izumi Okutani, Toshio Tachibana
- NRO Number Council / ICANN ASO Address Council
  - Takashi Arano, Tomohiro Fujisaki
- Chairs of CRISP Team for IANA Transition
  - Izumi Okutani
- ICANN Board ASO Appointee
  - Akinori Maemura*

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Joint Efforts: IPv6 Deployment

TF on IPv4 Exhaustion, Japan

http://kokatsu.jp/en/

22 Communities/Industrial Bodies are Members

Study Group and Reports by the MIC

http://www.soumu.go.jp/main_sosiki/joho_tsusin/policyreports/chousa/ipv6_internet/

Composed of experts and industry decision makers

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Key Communities and Industry Organisations in Japan

Industry Associations

IA japan

JAIPA Japan Internet Providers Association

JLabs Japan Cable Laboratories

CIAJ

TELESA

JDCC Japan Data Center Council

JATE

TCA

JNSA

CIAJ

JCTA

JADAC

Technical Forum

JANOG

JUS Japan Unix Society

Internet Organization

JPNIC

JPRS Japan Registry Services

JPCERT CC® Japan Computer Emergency Response Team Coordination Center
JPCERTコーディネーションセンター

Research/Education

ICTEPC ICT Education Promotion Council of Japan

WIDE Project

Government

総務省 MIC Ministry of Internal Affairs and Communications

Non-Technical Forum

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

Internet Society Japan Chapter

Topic Based Forum

IPv4 Exhaustion

ipv6 IPv6 Promotion Council

Local Govt.

LASDEC

APPLIC

JPNIC

Japan has several active communities/Internet organisations

Thank you very much

- also ありがとうございました、감사합니다、and many others!

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