

# ccTLD governance model “for profit company”

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ccNSO Members Meeting @ ICANN 68

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Japan Registry Services Co., Ltd.

(JPRS)

# About JPRS

- **Company Information**

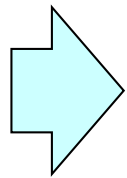
- Company limited by shares (for-profit, unlisted)
- Established on 26 December 2000
- Based in Tokyo (Head Office), Osaka
- 102 employees (as of 1 April 2020)
- Around USD 40M annual revenue scale (as of FY 2019)

- **Shareholders**

ASJ INC. / GMO Internet, Inc. / Hitachi, Ltd. / IDC Frontier, Inc. / Internet Initiative Japan, Inc.(IIJ) / ITOCHU Techno-Solutions Corporation / Japan Network Information Center(JPNIC) / KDDI Corporation / Mitsubishi Electric Information Network Corporation / NIPPON TELEGRAPH AND TELEPHONE EAST Corporation (NTT East) / NTT Communication Corporation / SAKURA Internet Inc. / Software Research Associates, Inc. / Sony Corporation / The Dai-ichi Life Insurance Company, Limited / TIS Inc.

# About JPRS (cont.)

- What JPRS currently does
  - ccTLD Manager (.jp)
  - ICANN Accredited gTLD Registrar
  - Server Certification Authority
  - gTLD Registry Operator (.jprs)
  - Registry Services Provider to Brand TLDs
  - M-Root DNS server Operator



In various ways, JPRS (Japan Registry Services Co., Ltd) helps developing the domain name industry/users (and even the whole Internet) by using its expertise and experience

# Brief History of “.jp” (1)

Era 1 : Administrated by “Volunteers from Academic Network Group”	
1986	Jon Postel delegated ".jp" to Jun Murai
1989	Registration for "ac.jp" "ad.jp" "co.jp" "go.jp" "or.jp" (3 <sup>rd</sup> level) were introduced
1991	JNIC established and carried out management and administration of JP domain names
	Implemented "Concerning Registration of JP Domain Names" document
1993	JNIC was reorganized as JPNIC, membership organization composed of Network Projects including Internet Services Providers.

# Backgrounds: Academic to Non-profit

- Due to the development of the Internet, the capability for voluntary administration by academic group approached impractically
- Commercial based Internet Services Providers emerged. Needs to include them as key parties of the structure.
- To become financially stable, membership-fee system was introduced. It allowed more responsible administration.

# Brief History of “.jp” (2)

Era 2 : Administrated by “Non-Profit Organization”	
1995	Application fees for JP domain names introduced
1997	JPNIC received official government recognition as non-profit organization (Chairperson: Jun Murai). operate in that status under the supervision of the Ministries.
1998	"Rules for JP domain name registration" took effect
1999	Number of JP domain name registrations exceeded 100,000.
2000	JP-DRP (.jp Domain Name Dispute Resolution Policy) was introduced
	JPNIC established a new company for management and administration of .JP top-level domain called Japan Registry Services Co., Ltd.(JPRS)

# Backgrounds: Non-profit to For-profit

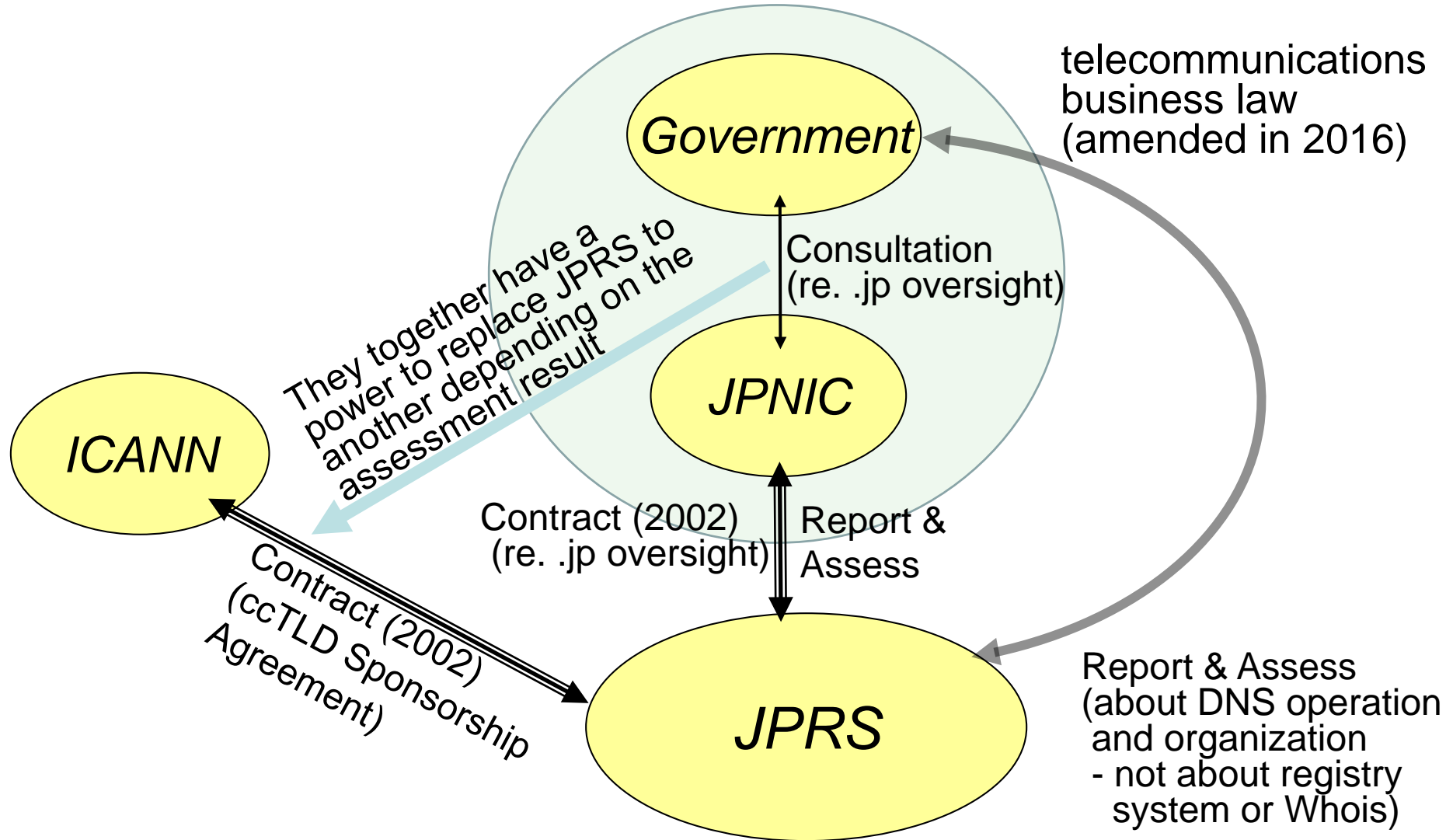
- Needs decision body to cope with the emergence of competition among TLDs operated as “registration business” (“.com” and “.net”).
- Needs long term/large scale investment for Registry Database and DNS infrastructure, however, due to the regulation, non-profit did not have flexibility to implement multi-year budget.
- Income of JPNIC grew dramatically due to the growth of domain name registration. In Japan, regulation existed that profit making business needs to transfer from Non-profit to For-profit.

# Brief History of “.jp” (3)

Era 3 : Administrated by “For-profit company”	
2001	“General Use JP” (Registration for 2 <sup>nd</sup> level) was introduced
2002	The Government of Japan informs ICANN that it endorses the transfer of the management and administration of the .JP top-level domain from JPNIC to JPRS.
	JPRS signs contract with JPNIC for the transfer of management and administration of the .JP top-level domain.
	JPRS and ICANN entered into “.JP ccTLD Sponsorship Agreement.”
	Data escrowing for JP domain name registry was initiated
2003	Number of JP domain name registrations exceeded 500,000
	Launched RFC-compliant Japanese JP domain name registration management service
2008	Number of JP domain name registrations exceeded 1,000,000
2018	Number of JP domain name registrations exceeded 1,500,000



# Contractual framework of .jp management



# Backgrounds:

## For-profit administration continues

- From historical background, Japanese Government basically supports private-sector driven Internet Governance.
- The government and JPNIC endorses the activities of JPRS as a ccTLD Manager (.jp) by publicizing an annual assessment report.
- JPRS serves the interest of the internet community through various channels
  - JP Domain Name Advisory Committee
  - JPRS Partners (Registrar) Meeting
  - etc.

# References

- Japan Registry Services Co., Ltd. (JPRS)  
<https://jprs.co.jp/en/>
- IANA Report on Request for Redelegation of the .jp Top-Level Domain  
<https://www.iana.org/reports/2002/jp-report-08feb02.html>
- The Internet Timeline by JPNIC  
<https://www.nic.ad.jp/timeline/en/>

