Governance Framework of .JP

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APTLDF

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Agenda

• Brief history of .JP management
• Framework of .JP management
• JPRS activities as "JP Registry"
• How JPRS is overseen and further redelegation may be claimed
## Brief history of .JP management

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986</td>
<td>Aug</td>
<td>* .JP delegated to Prof. Jun Murai</td>
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<tr>
<td>1993</td>
<td>Apr</td>
<td>* JPNIC (Prof. Jun Murai as President) was established as incorporated association and was named as .JP management body</td>
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<tr>
<td>2000</td>
<td>Dec</td>
<td>* JPNIC decided to spin off a new private company 'JPRS' for .JP management</td>
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<tr>
<td>2002</td>
<td>Jan</td>
<td>* Japanese government endorsed JPRS as the manager of .JP</td>
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<td></td>
<td></td>
<td>* JPRS and JPNIC signed agreement for transfer of .JP management</td>
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<tr>
<td>2002</td>
<td>Feb</td>
<td>* ICANN and JPRS signed ccTLD Sponsorship Agreement for .JP</td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>* Transfer of management responsibility to JPRS (redelegation) was completed</td>
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</table>
# Internet resource management in Japan

<table>
<thead>
<tr>
<th>JP Domain Name</th>
<th>JPRS</th>
<th>JPNIC</th>
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</thead>
</table>
|                | • Manages [JP domain names](#)  
- Develops name registration policy and Registry systems  
- Manages Registry database  
- Operates JP DNS |      | • Oversees management of .JP conducted by JPRS  
• Maintains JP-DRP (JP domain name dispute resolution policy)  
• Finds new Registry in case redelegation from JPRS is decided to be necessary |
| IP Address     |      | • Allocates [IP addresses](#) |

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[JP domain names]:# • Manages .JP domain names  
[IP addresses]:# • Allocates IP addresses
Framework of .JP management

Global community

ICANN

Government

JPNIC

Consultation if necessary

Communication

Advisory Committee

JPRS

Contract (ccTLD Sponsorship Agreement)

Participation and input

Communication

Endorsement

Oversight

Local Community

Participation

Communication

• Annual Report
• Website
• Registrars meeting
• DNS managers meeting
• Customer support
• ICANN meeting reporting seminar

Communication

Partnership

Cooperation

Participation

Communication

Partnership

Participation

Communication

Partnership

Participation
Contractual framework of .JP management

(extracted from the previous slide "Framework of .JP management")

ICANN

Government

Consultation if necessary

JPNIC

Contract (.jp Transfer & Overseeing Agreement)

JPRS

Contract (ccTLD Sponsorship Agreement)
Relationship between JPRS & government

• No direct formal relationship (= voluntary dialogue)
  – indirect formal relationship
    • government is consulted by JPNIC in assessing .JP management

• Based on “bottom-up, private-sector-led Internet”
  – Consensus among community members is respected
  – Balance between private-sector self-governance and regulation
    • no governing law for .JP

• Stakeholders are .jp community as a whole
  – Government is one of the community members
  – JPRS communicates with community members through various channels
    • Advisory Committee, registrar meetings, public comment forum, call center, etc.
Contract between JPRS and JPNIC

• responsibilities of JPRS
  – JPRS manages .JP so that it contributes to the community
  – JPRS establishes "JP domain name advisory committee" and consults with it to maintain the public nature of the management
  – JPRS adopts JP-DRP for .JP
  – JPRS performs escrow of the registry database with the escrow agent approved by JPNIC and government
  – When JPNIC decides .JP redelegation from JPRS, JPRS transfers the registry data to the new Registry organization
  – ...

• redelegation will happen in either of the following cases
  – JPNIC and government consult each other and decide that JPRS didn't carry out its responsibility and didn't conduct corrective actions within certain period after several warnings
  – JPRS is in bankruptcy
JPRS activities as "JP Registry"

Activities of .JP Registry

- Secure and stable management of JP domain name registry system and JP-DNS
- Stable and continuous operation as an organization
- Various contributions to community

[additional contribution]
- Contribution to communities
  - Participation in policy design for international coordination of Internet resources
  - DNS security and stability activities for the whole community
  - ...

[basic function]
- Various contributions to community
- JP domain name management

[additional contribution]

Contribution to communities
JPRS activities in general

- various contributions to community
- JP domain name management
- basic activities as an organization
- business-1 other than JP
- business-n other than JP
JPRS activities assessed by JPNIC from the contractual view re. .JP

(a) Does JPRS make contribution that is hard to be made by an entity other than .JP Registry?

(b) Is JPRS not in bankruptcy?

(c) Does JPRS manage .JP without hurting its public nature?

Various contributions to community

JP domain name management

JPRS as an organization

Activities of .JP Registry
Examples of JPRS activities

• Secure and stable management of JP domain name registry system and JP-DNS while respecting public nature

items below this line are voluntary activities with no specific contract with JPNIC or government

• Promoting secure Internet (not only from the viewpoint of .JP)
• Standardization related to domain name and DNS
• Education of community about DNS technology
• Participation in Internet Governance discussion
• Participation in ICANN, APTLD, CENTR, etc.
• IDN promotion (technology, market, ...)
• Participation in drills against cyber attacks in Japan
• Research about domain names and ccTLDs
• ccNSO activity report to the local community
How necessity of redelegation is checked

• past
  – JPNIC checks if JPRS's operation caused problems that might have harmed the public nature of the .JP service (actually, no severe problem happened)
  – JPNIC checks the financial status of JPRS referring to financial statements
• so far
  – JPNIC decided to set up clearer criteria to determine if JPRS's .JP management contradicts the public nature of the .JP service
  – JPNIC created a WG to establish such criteria and populated the WG with experts in various areas such as business, engineering, finance, law, and so on
  – The WG drafted criteria and public comments were asked for
• from now
  – JPNIC and JPRS will discuss the appropriateness of drafted criteria and agree on the (possibly modified) criteria
  – A committee will be established in JPNIC to assess the performance of JPRS against the criteria
  – Periodical (annual) assessment will be conducted by the committee and the final decision will be judged by the JPNIC Board
Criteria drafted by the committee (1)

- whether "JPRS manages .JP so that it contributes to the community"
  - registry data
    - availability (time-wise)
  - DNS
    - availability (time-wise)
  - Whois
    - availability (time-wise)
  - Advisory committee
    - whether constant committee discussion is conducted
  - JP-DRP
    - whether JP-DRP is adopted
  - escrow
    - whether JPRS contacts with the escrow agent JPNIC and government approved
  - Education/publication of Information about DNS
    - if important information (such as BIND security information above a certain severity level) is published
  - Participation in ccNSO
    - share Information about ccNSO with community

(a) Does JPRS manages .JP without hurting its public nature?

(c) Does JPRS make contribution that is difficult to be made by an entity other than .JP Registry?
Criteria drafted by the committee (2)

• if " JPRS is in bankruptcy "
  – financial statements
    • Profit and Loss Statement
    • balance sheet
    • ...

(b) Is JPRS not in bankruptcy?
Questions?