Appendix 2

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JPNIC Certification Authorities Certificates - Usage Agreement

This agreement describes the items that are necessary to be agreed with users in order to utilize Certification Authorities certificates (the CA certificates), supplied by the Japan Network Information Center (JPNIC).

Please carefully read this document before obtaining CA certificates and before carrying out the configurations for use of the CA certificates. Installing a CA certificate into your software such as Web browsers or e-mail applications and using it to carry out configurations of a trusted Certification Authority shall be assumed as agreeing with the items set forth in this agreement.

The CA certificate is digital certifications of the Certification Authorities operated by JPNIC (JPNIC Certification Authorities). The JPNIC Certification Authorities include the following Certification Authorities:
- JPNIC Primary Root Certification Authority S1
- JPNIC Resource Service Certification Authority

This agreement is applicable to the certificates of all of the JPNIC Certification Authorities.

Details

1. Purpose

The JPNIC Certification Authorities have the purpose of providing a certification infrastructure to allow the sound operation and development of the Internet. Each of the JPNIC Certification Authorities are operated for the following purposes:

- JPNIC Primary Root Certification Authority S1

   Has the purpose of supplying the trust anchor for verification of all digital certificates and revocation lists issued by the JPNIC Certification Authorities.
- JPNIC Resource Service Certification Authority

   Has the purpose of providing digital certification procedures when carrying out use of the IP registry system operated by JPNIC and the various application operations relating to IP addresses and AS numbers, etc.

2. Prohibition of Inappropriate Access

Users should not conduct the actions described below:
- Carrying out inappropriate access to the Certification Authorities system.
- Intentionally interfering with the management and operation of the Certification Authorities system.
- Interfering with the normal operations of the JPNIC Certification Authorities, such as by distributing certification that resembles CA certificates.

Persons carrying out the above actions will be prohibited from using CA certificates.

3. Verification Result and Indemnity Items

- Verification Result

   JPNIC will strive to conduct sincere operations in order to be able to maintain uniform reliability regarding the result of the verification procedures using CA certificates.
- Indemnity Items

   The operation of the CA certification based on this agreement is experimental. According to JPNIC's judgment, the operation may be halted and the system may be made unavailable for use. Further, regarding the obtaining, setting, and use of CA certificates by users, JPNIC will not accept any responsibility for damage caused to users or damage incurred by other third parties.

4. Changes to the Agreement

When recognized as necessary, JPNIC may change this agreement without giving prior notice to users. Regarding the use of CA certificates after changes have been made to this agreement, the agreement after changing will be applicable.

Note that notification before or after changes are made will be conducted according to the following methods:

- Placement of notices on the JPNIC Certification Authorities Website at http://jpnic-ca.nic.ad.jp/
- Dissemination of E-mail notifications to E-mail addresses that were registered when using CA certificates issued by JPNIC.

5. Confirmation of CA Certificates

When carrying out setting or use of CA certificates, the user should be certain to check whether or not there is any disagreement with the CA certificates distributed by JPNIC, based on the fingerprint information provided by JPNIC. Note that this confirmation should be carried out at the user's own responsibility.

- For the method of obtaining CA certificates, see "■ Information Supply Method" described below.
- Concerning the fingerprint confirmation procedures, see the separate document "Methods of Obtaining and Confirming JPNIC CA Certificates".

■ Information Supply Method

Information relating to CA certification and the JPNIC Certification Authorities operations is supplied on the following Website:

- JPNIC Certification Authorities Website:
  http://jpnic-ca.nic.ad.jp/

CA certification and fingerprint information is supplied using the following methods:

- CA Certificates
  JPNIC Certification Authorities Website:
  http://jpnic-ca.nic.ad.jp/
- Fingerprint Information
  See "CA Certification Fingerprint Information" in this agreement.
  Note that for the convenience of users, the following Website pages are also provided:

  CA certification fingerprint information:
  https://serv.nic.ad.jp/capub/fingerprint.html

■ CA Certification Fingerprint Information

JPNIC Primary Root Certification Authority S1
SHA-1: 07:B6:67:E7:73:04:0F:71:84:DB:0A:E7:B2:90:A3:38:D4:18:60:74
MD5:   DF:A6:2B:6B:CD:C6:D3:00:18:D5:67:2E:BE:76:D7:E9

JPNIC Internet Resource Service Certification Authority
SHA-1: E1:0E:7E:2F:BE:C4:90:F7:89:74:2F:42:6D:8E:21:5E:12:D5:36:8E
MD5:   E6:41:A4:62:3C:1E:D4:0B:C1:9E:9B:AD:FC:44:D1:DA

The "0" are all zeroes. There is no discrimination between capital and small letters.
Depending on the software used, colons (:) may not be displayed, or spaces may be shown.