
gTLD

4



(b) ICANN

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(b) [6] A "

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<http://www.icann.org/en/registries/rsep/rsep.html>

1

"RSEP"

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2.2

<http://www.icann.org/general/consensus-policies.htm>

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3.5 ICANN

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6.2 RSTEP

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ICANN <http://www.icann.org/en/registries/rsep/>

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(iv) " " ICANN 7.6(d)

7.7 ICANN

7.8 7.6 (i) (ii)

ICANN
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(30)
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(i) (ii)

(2) 7.6

ICANN

ICANN
Internet Corporation for Assigned Names and Numbers
4676 Admiralty Way, Suite 330
Marina Del Rey, California 90292
1-310-823-9358
1-310-823-8649

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ICANN

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1.2.2.

1.2.3. TLD

1.2.4.

1.2.5.

1.3 1.2

1.3.1. TLD

1.3.2.

1.3.3. TLD

(i) (ii) (iii) DNS

1.3.4.

TLD

1.4

1.4.1.

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1.4.4. ICANN

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UTC

1.2 " "

00:00

UTC

2.

" - "

3.

3.1

"full"

3.2

"inc"

3.3

3.4

4.

4.1

{gTLD}_{YYYY-MM-DD}_{FILE}_{type}_S{#}_R{rev}{.ext}

4.1.1 {gTLD} (gTLD) (IDN – TLD)

ASCII A

4.1.2 {YYYY-MM-DD}

2009-08-02T00:00Z

"2009-08-02"

4.1.3 {FILE} 4.8 4.9

4.1.4 {type} (1) "full" (2) "inc"

4.1.5 {#} "1"

4.1.6 {rev} "0"

4.1.7 {.ext} ".sig" quasi ""

4.2 ID " "

4.2.1

4.2.2

4.3 " "

(UTC) RFC 5730 /

[1]

4.4 CSV" "

RFC 4180 [5] EPP XML " "

UTF-8

4.5 (EPP) RFC 5730 [1] RFC
RFC 3915 [11]

"reserved" 4.6

4.6 (ICANN)

DOMAIN DOMSTATUS

"reserved"

4.7 (IDN) (IDN)

(IANA IDN) [9]

(IDN)

(1) (IDN)

"Registered"

(2) (IDN)

"Reserved"

(3) (IDN) "Blocked"

4.8

CSV " " RFC 4180 2 [5]

"{" "}"

4.8.1 "DOMAIN"
(TLD) (IDN) "

" A "xn-11b5bs1di.tld" U

DOMAIN

(1) {domainHandle}

(2) {domainName}

(3) {sponsoringRegistrar}

(4) {creationDate}

(5) {creatorRegistrar} /

(6) {expiryDate}

- (7) {authInfo}
 - (8) {updateRegistrar}
 - (9) {lastUpdate}
 - (10) {lastTransferDate}
 - (11) {deletionDate}
- [11]

RFC 3915

4.8.2

(IDN) "DOMIDN"
 (IDN) "DOMAIN" "
 "
 (IDN) (IDN)
 " " (IDN) " " "
 " " (IDN) "registered" "reserved"
 "blocked" 4.7
 " (IDN) ID" (IDN) (IDN)
 ID 4.8.3
 U (IDN) U A
 A
 DOMIDN
 (1) {domainHandle}
 (2) {canonicalDomainHandle}
 (3) {variantTag}
 (4) {idnTableId} (IDN) ID
 (5) {aLabel} A
 (6) {uLabel} U

4.8.3

(IANA IDN) "IDNTABLES"
 (IANA) (TLD) (IDN)
 (IDN) URI " (IDN) ID"
 (IDN) ID
 IDNTABLES
 (1) {idnTableId} (IDN) ID

(2) {idnTableUri} (IANA) (IDN) URI

4.8.4 "CONTACT" DOMAIN

CONTACT

- (1) {contactHandle}
- (2) {sponsoringRegistrar}
- (3) {creationDate}
- (4) {authInfo}
- (5) {voiceNumber}
- (6) {voiceExt}
- (7) {faxNumber}
- (8) {faxExt}
- (9) {email}
- (10) {creatorRegistrar}
- (11) {updateRegistrar}
- (12) {lastUpdate}
- (13) {lastTransferDate}

4.8.5 "CONADDR"

CONADDR

- (1) {contactHandle}
- (2) {addressType} "int" "loc" RFC 5733 [4]
- (3) {contactName}
- (4) {contactOrganization}
- (5) {postalAddress1} 1
- (6) {postalAddress2} 2
- (7) {postalAddress3} 3
- (8) {city}
- (9) {stateProvinceOrRegion} / / / /
- (10) {postalCode}
- (11) {Country} /

4.8.4 4.8.5

RFC 5733

(EPP) [4]
/
/ ISO 3166

ITU E164a

[12]

4.8.6

"NAMESERVER"

NAMESERVER

- (1) {nameServerHandle}
- (2) {nameServerName}
- (3) {creationDate}
- (4) {sponsoringRegistrar}

4.8.7

IP

"NSIP"

NSIP

- (1) {nameServerHandle}
- (2) {ip} IP

IP
IPv6

[13]

IPv4

IP 6

[14]

4.8.8

"REGISTRAR"

DOMAIN

REGISTRAR

- (1) {registrarHandle}
- (2) {ianaId} (IANA) ID
- (IANA) ID [8]
- (3) {registrarName}

4.8.9 / "DOMSTATUS" DOMAIN

DOMSTATUS

(1) {domainHandle}

(2) {statusValue} " "

4.8.10 / "CONSTATUS" CONTACT

CONSTATUS

(1) {contactHandle}

(2) {statusValue} " "

4.8.11 / "NSSTATUS" NAMESERVER

NSSTATUS

(1) {nameServerHandle}

(2) {statusValue} " "

(3) {reasonCode}

4.8.12 / "DOMCONTACT"

DOMCONTACT

(1) {domainHandle}

(2) {contactHandle}

(3) {contactType}

	reg
	admin
	billing
	tech

4.8.13 / "DOMNS"

DOMNS

(1) {domainHandle}

- (2) {nameServerHandle}
- 4.8.14 "DOMDEL" "inc"
- (1) {domainHandle}
- (2) {deletionDate}
- 4.8.15 "CONTDEL" "inc"
- (1) {contactHandle}
- (2) {deletionDate}
- 4.8.16 "NSDEL" "inc"
- (1) {nameServerHandle}
- (2) {deletionDate}
- 4.8.17 / (DNSSEC) "DOMDS"

RFC 5910

DSDEL

- (1) {domainHandle}
- (2) {keyTag}
- (3) {algorithm}
- (4) {digestType}
- (5) {digest}
- (6) {maximumSigLife}
- (7) {dnskeyFlags} (DNS)
- (8) {dnskeyProtocol} (DNS)
- (9) {dnskeyAlgorithm} (DNS)
- (10) {publicKey}

4.8.18

(DNSSEC)

"DSDEL"

"inc"

(DNSSEC)

DSDEL

- (1) {domainHandle}
- (2) {dsDeletionDate} DS

4.8.19

"CONDISCL"

RFC 5733

[4] " "

"true" "false"

CONDISCL

- (1) {contactHandle}
- (2) {intName}
- (3) {locName}
- (4) {intOrganization}
- (5) {locOrganization}
- (6) {intAddress}
- (7) {locAddress}
- (8) {voice}
- (9) {fax}
- (10) {email}

4.8.20 (EPP) "DCP"
 (EPP) 2.4 RFC 5730 [1] "true"
 "false"

DCP

- (1) {accessAll}
- (2) {accessNone}
- (3) {accessNull}
- (4) {accessPersonal}
- (5) {accessPersonalAndOther}
- (6) {accessOther}
- (7) {statementAdmin}
- (8) {statementContact}
- (9) {statementProvisioning}
- (10) {statementOther}
- (11) {recipientOther}
- (12) {recipientOurs}
- (13) {recipientPublic}
- (14) {recipientSame}
- (15) {recipientUnrelated}
- (16) {retentionBusiness}
- (17) {retentionIndefinite}
- (18) {retentionLegal}
- (19) {retentionNone}
- (20) {retentionStated}
- (21) {expiryAbsolute}
- (22) {expiryRelative}

4.8.21 (EPP) "EPPVERSIONS"
 (EPP)
 EPPVERSIONS
 (1) {eppVersion} (EPP)

4.8.22 "LANGS"

LANGS

(1) {language} RFC 5730 2.4 [1]

4.8.23

(EPP)**"EPPOBJECTS"**

(EPP)

EPPOBJECTS

(1) {objectName}

(2) {namespaceObjectUri} URI

(3) {xmlSchemaFilename} XML URL

4.8.24

(EPP)**"EPPEXTENSIONS"**

(EPP)

EPPEXTENSIONS

(1) {extensionName}

(2) {namespaceExtUri} URI

(3) {xmlSchemaFilename} XML URL

- 4.9 **EPP XML** (EPP)
- XML (EPP)
- 4.9.1 (EPP) – XML "XSDOBJDOMAIN"
EPP XML
- 4.9.2 (EPP) – XML "XSDOBJCONTACT"
EPP XML
- 4.9.3 (EPP) – XML "XSDOBJHOST"
EPP XML
- 4.9.4 (EPP) – XML "XSDEXTDRGP"
EPP XML
- 4.9.5 (EPP) - DNSSEC XML "XSDEXTDNSSEC"
DNSSEC EPP XML
- 4.10 "yes"
- "IDN" (IDN) "thick"
- "thick" "DNSSEC"
- DNSSEC "disclosure"
- "no"

<i>DOMAIN</i>	yes	yes
<i>DOMIDN</i>	IDN	IDN
<i>IDNTABLES</i>	IDN	IDN
	thick	thick
<i>CONADR</i>	thick	thick
	yes	yes
<i>NISP</i>	yes	yes
	yes	yes
<i>DOMSTATUS</i>	yes	yes
<i>CONSTATUS</i>	thick	thick
<i>NSSTATUS</i>	yes	yes
<i>DOMCONTACT</i>	thick	thick

<i>DOMNS</i>	yes	yes
<i>DOMDEL</i>	no	yes
<i>CONTDEL</i>	no	thick
<i>NSDEL</i>	no	yes
<i>DOMDS</i>	DNSSEC	DNSSEC
<i>DSDEL</i>	no	DNSSEC
<i>CONDISCL</i>	disclosure	disclosure
<i>DCP</i>	yes	yes
<i>EPPEXTENSIONS</i>	yes	yes
<i>LANGS</i>	yes	yes
<i>EPPOBJECTS</i>	yes	yes
<i>EPPEXTENSIONS</i>	yes	yes
<i>XSDOBJDOMAIN</i>	yes	yes
<i>XSDOBJCONTACT</i>	yes	yes
<i>XSDOBJHOST</i>	yes	yes
<i>XSDEXTDRGP</i>	yes	yes
<i>XSDEXTDNSSEC</i>	yes	yes

4.11

" "

(ICANN)

4.12

4880 [6] OpenPGP OpenPGP - RFC RFC
 4880 OpenPGP IANA [7]

4.13

- (1) RFC 4880 ZIP
- (2) RFC 4880
- Elgamal RSA RFC 4880 TripleDES AES128
- CAST5
- (3)

(4) RFC 4880
 [6] OpenPGP RFC 4880
 DSA RSA SHA256

(5) SFTP
 CD-ROM DVD-ROM USB

(6) 7

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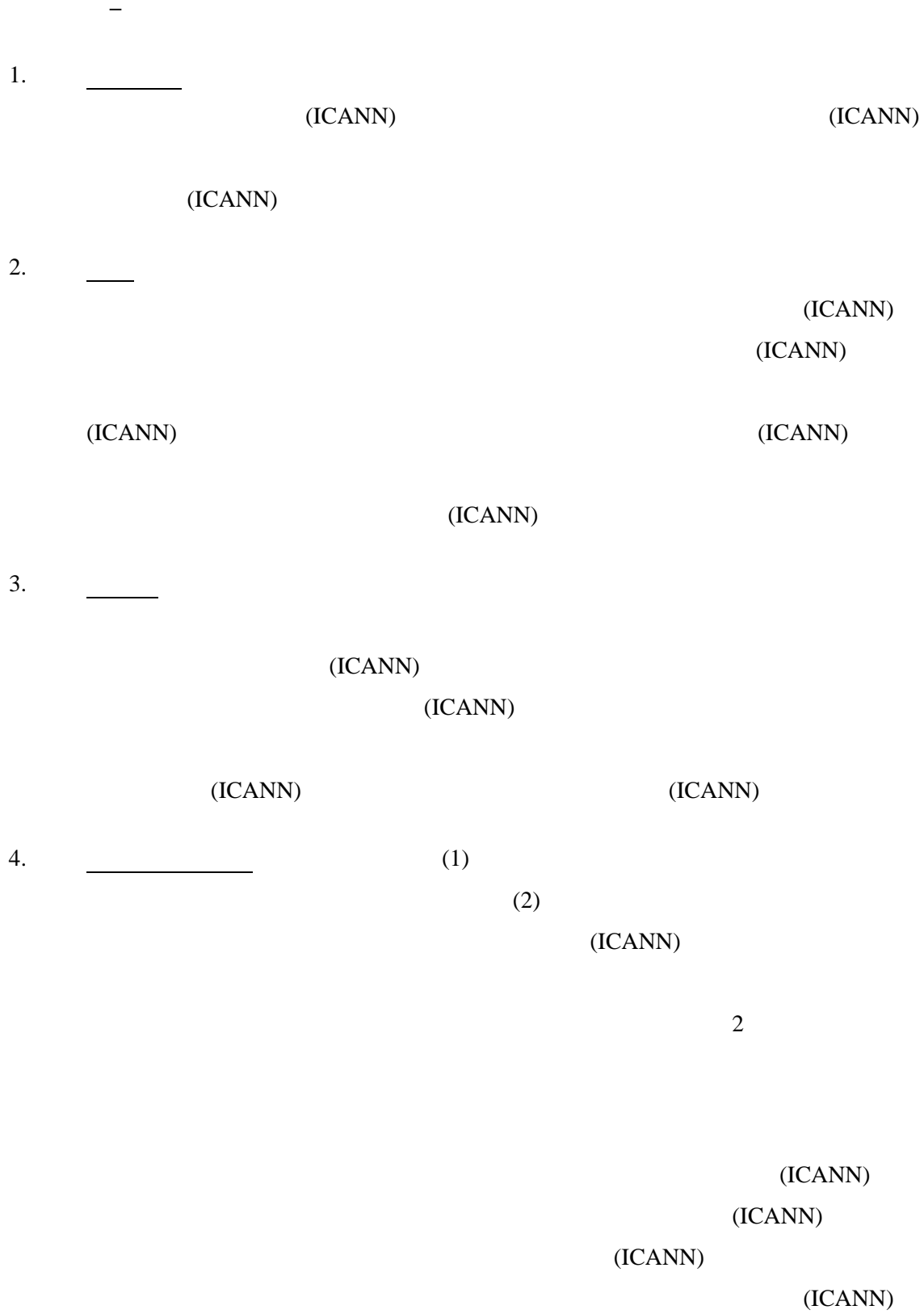
(ICANN)

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 (1)
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- [1] (EPP) <http://www.rfc-editor.org/rfc/rfc5730.txt>
- [2] (EPP) <http://www.rfc-editor.org/rfc/rfc5731.txt>
- [3] (EPP) <http://www.rfc-editor.org/rfc/rfc5732.txt>
- [4] (EPP) <http://www.rfc-editor.org/rfc/rfc5733.txt>

- [5] (CSV) MIME <http://www.rfc-editor.org/rfc/rfc4180.txt>
- [6] OpenPGP <http://www.rfc-editor.org/rfc/rfc4880.txt>
- [7] OpenPGP <http://www.iana.org/assignments/pgp-parameters/pgp-parameters.xhtml>
- [8] IANA ID <http://www.iana.org/assignments/registrars-ids/>
- [9] IANA IDN <http://www.iana.org/domains/idn-tables/>
- [10] (EPP) (DNS) <http://www.rfc-editor.org/rfc/rfc5910.txt>
- [11] (EPP) <http://www.rfc-editor.org/rfc/rfc3915.txt>
- [12] <http://www.rfc-editor.org/rfc/rfc5322.txt>
- [13] <http://www.rfc-editor.org/rfc/rfc791.txt>
- [14] IP 6 <http://www.rfc-editor.org/rfc/rfc4291.txt>



(ICANN)

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6.1

6.2 (a)

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(x)

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(y) ICANN

6.3

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