

Specification of the gtlds.json report

File: <https://www.icann.org/resources/registries/gtlds/v2/gtlds.json>:

- The file will be generated at least every 6 hours with the latest information available.
- The report file contents will be in JSON format and encoded in UTF-8.
- The report will include only gTLDs (i.e. it will not include ccTLDs or other TLDs).
- Each gTLD object will be included within an array named “gTLDs”. The report will include the following elements.

Element	newgtlds.csv* field equivalence	Description	Format
version		Version identifier for the report. This value will always be 2.	Number
updatedOn	Updated on:	Value indicating the date and time in UTC, specified in Internet Date/Time Format (see [RFC3339], Section 5.6) with the time-offset specified as "Z", when the report was generated.	String
gTLD	tld	The generic Top Level Domain's A-Label. This value will always be present in the JSON object.	String
uLabel	u-label	The generic Top Level Domain's U-Label, when applicable.	String or null
registryOperator	registry-operator	The Registry Operator's name.	String or null
registryOperatorCountryCode		The Registry Operator's country code as indicated in the contract. (If available). The two-letter country code is based on ISO 3166-1 code lists.	String or null
dateOfContractSignature	date-of-contract-signature	The date of contract signature for the gTLD in "YYYY-MM-DD" format.	String or null

applicationId	application-id	The identifier of the gTLD application.	String or null
delegationDate	delegation-date	The date of delegation of the gTLD in the root zone in "YYYY-MM-DD" format.	String or null
removalDate		The date of removal of the gTLD from the root zone in "YYYY-MM-DD" format.	String or null
specification13		Boolean element to indicate if Specification 13 (http://newgtlds.icann.org/en/applicants/agb/base-agreement-spec-13-proposed-06dec13-en.pdf) has been incorporated into the gTLD Registry Agreement.	true, false, or null
registryClassDomainNameList		If the Registry offers registrations at the third or lower levels, this field consist of an HTTPS URL where a CSV (Comma Separated Values) file containing the list of registry class domain names (see https://tools.ietf.org/html/draft-arias-noguchi-dnrd-objects-mapping for the definition of registry class domain name) may be found, if available. The format of the CSV file is described below.	String or null
contractTerminated		Boolean element to indicate if the contract between ICANN and the Registry Operator has been terminated.	true or false
thirdOrLowerLevelRegistration		Boolean element to indicate if the Registry offers registrations at the third or lower levels.	true, false, or null

* The *newgtlds.csv* file is currently available at

<https://www.icann.org/resources/registries/gtlds/v1/newgtlds.csv>

- A gTLD that has the contractTerminated field value of "true" will still be included in the report, and only the following elements will include a value (i.e. not null): gTLD, U-Label (if applicable), Delegation date, Removal date and contract Terminated.
- The "Specification 13" element is Boolean. If Specification 13 has been incorporated into the gTLD Registry Agreement, then this field will be "true",

if not, "false" will be used. For gTLDs that have been removed from the root zone, this value will be null.

- The "Removal date" element will have the removal date for a gTLD that has been removed from the root. The date will use the same format as delegation date: YYYY-MM-DD. For gTLDs that have not been delegated or removed from the root, this value will be null.
- A gTLD will be listed in the report once per approved application, with its corresponding delegation date and removal date, if applicable.
- Example of the file:

```
{
  "gTLDs": [
    {
      "applicationId": "1-2-3-4-5-6-7",
      "contractTerminated": false,
      "dateOfContractSignature": "2014-01-01",
      "delegationDate": "2016-01-01",
      "gTLD": "example",
      "registryClassDomainNameList": null,
      "registryOperator": "Example registry operator",
      "registryOperatorCountryCode": "US",
      "removalDate": null,
      "specification13": false,
      "thirdOrLowerLevelRegistration": false,
      "uLabel": null
    },
    {
      "applicationId": null,
      "contractTerminated": true,
      "dateOfContractSignature": null,
      "delegationDate": "2015-01-01",
      "gTLD": "test",
      "registryClassDomainNameList": null,
      "registryOperator": null,
      "registryOperatorCountryCode": null,
      "removalDate": "2016-01-01",
      "specification13": null,
      "thirdOrLowerLevelRegistration": null,
      "uLabel": null
    },
    {
      "applicationId": "3-4-5-6-7-8-9",
      "contractTerminated": false,
      "dateOfContractSignature": "2014-01-01",
      "delegationDate": "2015-01-01",
      "gTLD": "xn--fsqa",
      "registryClassDomainNameList": "https://www.example.xn--fsqa/rcdn.csv",
      "registryOperator": "Beijing 例例例例例",
      "registryOperatorCountryCode": null,
      "removalDate": null,
      "specification13": false,
      "thirdOrLowerLevelRegistration": true,
      "uLabel": "例例"
    }
  ],
}
```

```
{
  "applicationId": "4-5-6-7-8-9-0",
  "contractTerminated": false,
  "dateOfContractSignature": "2014-01-01",
  "delegationDate": null,
  "gTLD": "xn--nqvo76h",
  "registryClassDomainNameList": null,
  "registryOperator": "Beijing 随机随机随机",
  "registryOperatorCountryCode": "CN",
  "removalDate": null,
  "specification13": true,
  "thirdOrLowerLevelRegistration": false,
  "uLabel": "随机"
}
],
"updatedOn": "2016-04-08T06:02:11Z",
"version": 2
}
```

Appendix 1

The list of REGISTRY-CLASS DOMAIN NAMES will be contained in a CSV formatted file that has the following structure:

- first line: <version>,<creation datetime of the list of REGISTRY-CLASS DOMAIN NAMES>

Where:

- <version>, version of the file, this field MUST be 1.
 - <creation datetime of the list of REGISTRY-CLASS DOMAIN NAMES >, date and time in Coordinated Universal Time (UTC), specified in the format described in RFC3339, that the list of REGISTRY-CLASS DOMAIN NAMES was created/updated.
- second line: a header line as specified in RFC4180

With the header names as follows:

- registry-class-domain-name
- One or more lines with: <registry-class-domain-name>

Where:

- <registry-class-domain-name>, a REGISTRY-CLASS DOMAIN NAME specified in fully qualified domain name (see definition in RFC7719).