

# Simple Registration Reporting

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July 2020

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- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

# Draft Status

- Adopted by Working Group in May 2020
- Version 00 published in June 1, 2020
  - Defines 34 fields
  - Defines 7 reports
- Version 01 published in July 13, 2020
  - Edit on improving references (CSV, IDNA2008, etc)
  - Added a new column in a report at section 3.1 to discuss field being mandatory/optional (more on this in later slide)
- Work in progress
  - Expanding text on IANA registry for fields and reports

# Report Specifications

- All reports are CSV files (as defined RFC4180)
- First line is a standard column heading, as registered with IANA

## Open Questions:

- What would the value be in a column for which there is no data?
  - N/A or *blank* or zero or ?
- Additional column headings MAY be ignored
- Unrecognized column headings SHOULD be ignored
  - Unrecognized column heading is not registered with IANA

# Value Mandatory or Optional

Example: Transaction Report

Field	Reference	Mandatory
TLD		N
Domain		Y
ServerTRID		Y
Transaction_Type		Y
DateTime		Y
Fee		Y
Description		N

# Open Questions

- What other column headings to add to existing reports in this draft?
  - Current Reports:
    - Transaction Report
    - Premium Name Report
    - RGP Report
    - Reserved Name Report
    - Inventory Report (one each for domain, contact, host)
- What reports should be added to this draft?
- What other reports we should keep in mind although they may not be included in this draft?

# IANA Registry of Column Headings

- Draft-ye-e-regexp-simple-registration-reporting-01.txt
  - <https://datatracker.ietf.org/doc/draft-ye-e-regexp-simple-registration-reporting/>
- Create an IANA registry of column headings
  - EPP Extensions registry: <https://www.iana.org/assignments/epp-extensions/epp-extensions.xhtml>
- Column heading registry would have the following information
  - Column name
  - Reference to the definition
  - Registrant of the element
  - A few other administrative elements
- First come first serve registry
  - Assignments in the registry would be made to anyone on a first come, first served basis
  - No substantive review of the request other than to ensure that it is well-formed and doesn't duplicate an existing assignment

# Column Heading Registry (1 of 4)

Name of Field	Reference	Registrant
TLD	RFC XXXX Section 2.1.1	IESG
Server_TRID	RFC XXXX Section 2.1.2	IESG
Domain	RFC XXXX Section 2.1.3	IESG
Transaction_Type	RFC XXXX Section 2.1.4	IESG
Object_Type	RFC XXXX Section 2.1.5	IESG
DateTime	RFC XXXX Section 2.1.6	IESG
Term	RFC XXXX Section 2.1.7	IESG
Fee	RFC XXXX Section 2.1.8	IESG



# Heading Registry (2 of 4)

Name of Field	Reference	Registrant
Currency	RFC XXXX Section 2.1.9	IESG
Status	RFC XXXX Section 2.1.10	IESG
Registrar	RFC XXXX Section 2.1.11	IESG
Period	RFC XXXX Section 2.1.12	IESG
Description	RFC XXXX Section 2.1.13	IESG
Domain_Create	RFC XXXX Section 2.2.1	IESG
Domain_Renew	RFC XXXX Section 2.2.2	IESG
Domain_Transfer	RFC XXXX Section 2.2.3	IESG

# Column Heading Registry (3 of 4)

Name of Field	Reference	Registrant
Domain_Restore	RFC XXXX Section 2.2.4	IESG
Start_Date	RFC XXXX Section 2.3.1	IESG
Delete_Date	RFC XXXX Section 2.3.2	IESG
RGP_Date	RFC XXXX Section 2.3.3	IESG
Purge_Date	RFC XXXX Section 2.3.4	IESG
Updated_Date	RFC XXXX Section 2.3.5	IESG
Create_Date	RFC XXXX Section 2.3.6	IESG
Expiry_Date	RFC XXXX Section 2.3.7	IESG

# Column Heading Registry (4 of 4)

Name of Field	Reference	Registrant
Registrar_ID	RFC XXXX Section 2.4.1	IESG
Server_Registrant_ID	RFC XXXX Section 2.4.2	IESG
DNSSEC	RFC XXXX Section 2.4.3	IESG
Server_Contact_ID	RFC XXXX Section 2.4.4	IESG
Contact_Type	RFC XXXX Section 2.4.5	IESG
Contact_Name	RFC XXXX Section 2.4.6	IESG
INUSE	RFC XXXX Section 2.4.7	IESG
Nameserver_Host	RFC XXXX Section 2.4.8	IESG
Namsserver_IP	RFC XXXX Section 2.4.9	IESG
Clinet_Contact_ID	RFC XXXX Section 2.4.10	IESG

# IANA Registry of Reports

- Create an IANA registry of reports
  - EPP Extensions registry: <https://www.iana.org/assignments/epp-extensions/epp-extensions.xhtml>
- Report registry would have the following information
  - Report Name
  - Reference to the definition
  - Ordered list of column headings in the report (using ordinal value)
  - Registrant of the element
  - A few other administrative elements
- First come first serve registry
  - Assignments in the registry would be made to anyone on a first come, first served basis
  - No substantive review of the request other than to ensure that it is well-formed and doesn't duplicate an existing assignment

# Report Registry

Report Name	Reference	Ordered Field Names	Registrant
Transaction Report	RFC XXXX Section 3.1	RFC XXXX: Section 2.1.1, 2.1.2, 2.1.3, 2.1.6, 2.4.1, 2.1.11, 2.1.4, 2.1.12, 2.1.7,2.1.8, 2.1.9, 2.1.13	IESG
Premium Name Report	RFC XXXX Section 3.2	RFC XXXX: Section 2.1.1, 2.1.3, 2.1.10, 2.1.13, 2.1.9, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.3.1	IESG
Domain RGP Report	RFC XXXX Section 3.3	RFC XXXX: Section 2.1.1, 2.1.3, 2.3.2, 2.3.3, 2.3.4	IESG
Reserved Domain Report	RFC XXXX Section 3.4	RFC XXXX: Section 2.1.1, 2.1.3, 2.1.10	IESG
Domain Inventory Report	RFC XXXX Section 3.5	RFC XXXX: Section 2.1.1, 2.1.3, 2.3.5, 2.4.1, 2.3.6, 2.3.7, 2.4.2, 2.4.3, 2.1.10	IESG
Contact Inventory Report	RFC XXXX Section 3.6	RFC XXXX: Section 2.4.4, 2.4.10, 2.1.1, 2.1.3, 2.4.5, 2.4.6, 2.3.5, 2.4.7, 2.4.1	IESG
Host Inventory Report	RFC XXXX Section 3.7	RFC XXXX: Section 2.1.1, 2.4.8, 2.4.9	IESG

# Topics Related to Draft (1/2)

- File name specification - What needs to be included? In what order?
  - DATE-TLD-NAME-VERSION.csv
    - DATE - YYYYMMDD
    - TLD - A-LABEL
    - NAME - from the report registry
    - VERSION - VV
    - Others?
- Do we need to solve the problem of files so large they should be split?
  - DATE-TLD-NAME- [ PART## - ] VERSION.csv
  - PART## - PART01, PART02, PART03, ...

# Topics Related to Draft (2/2)

- Publish: flat, single directory with all reports?
- Separator character and field with multi-value
  - Separator character: comma or other character?
  - Some fields like domain status, contact address need separator, and usually it's comma (,)
    - Address:: 450 Serra Mall, Stanford, CA 94305 United States
    - Domain Status: OK, ClientTransferProhibited, ServerTransferProhibited
  - Nesting value or use different character