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Registry Domain Inventory Report
draft-sattler-registry-domain-inventory-report-00

Abstract

This document describes the content of a domain inventory report based on the registry report structure and delivered by the registry reporting repository.

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[1.](#) Introduction

Modern top-level domain registries provide a number of detailed reports and documents that their registrars require on a daily, weekly and monthly basis. These most commonly include transaction reports, as well as lists containing currently unavailable domains and current premium domains. These reports are critical for registrars' businesses and play an important role in accounting and operations processes as well as in sales and marketing activities. In the current set-up registrars must download these reports from each registry's intranet in a different manner according to each registry's own document management set up.

A domain inventory comparison between the domains that are on an accreditation and the domains that a registrar has in his system is therefore helpful.

This document describes the content of a domain inventory report based on the [[I-D.mcpherson-sattler-registry-report-structure](#)] and delivered by the [[I-D.mcpherson-sattler-registry-reporting-repo](#)].

[2.](#) Terminology and Definitions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [[RFC2119](#)] when specified in their uppercase forms.

2.1. Internationalized Domain Names

MUST be as defined in

[\[I-D.mcpherson-sattler-registry-report-structure\]](#).

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2.2. Character Encoding

MUST be as defined in
[[I-D.mcperson-sattler-registry-report-structure](#)].

3. Report Headings

The first row MUST be the column headings in the following order:

TLD	It MUST contain the top-level domain name and formatted according to section 2.1 of this document.
DOMAIN	It MUST contain the domain name formatted according to section 2.1 of this document.
REGISTRARID	It MUST contain the registrar ID of the succesful transaction according to section 4 of this document.

4. Registrar ID

A unique registrar ID MUST be listed, with each transaction. Those IDs MUST be according the IANA registrar IDs (<https://www.iana.org/assignments/registrar-ids/registrar-ids.xhtml>) where applicable, otherwise another unique registrar ID MUST be used.

5. Examples

5.1. Single TLD File Example

This is an example of a domain inventory report for a single top-level domain .example.

Filename: example_domain-inventory_2018-11-01.csv.gz

```
TLD,DOMAIN,REGISTRARID
example,test1.example,1
example,test2.example,1
example,test3.example,1
example,xn--4gqvdy3r.example,1
```

5.2. Multiple TLDs File Example

This is an example of a domain inventory report for multiple top-level domains from example registry.

Filename: example-registry_domain-inventory_2018-11.csv.gz

```
TLD,DOMAIN,REGISTRARID
```

example1,test1.example1,1
example2,test1.example2,1
example3,test2.example3,1
xn--zckzah,xn--r8jz45g.xn--zckzah,1

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6. IANA Considerations

This document has no IANA actions.

7. Security Considerations

The registry domain inventory report described in this document do not provide any security services.

8. Implementation Status

Note to RFC Editor: Please remove this section and the reference to [\[RFC7942\]](#) before publication.

This section records the status of known implementations of the protocol defined by this specification at the time of posting of this Internet-Draft, and is based on a proposal described in [\[RFC7942\]](#). The description of implementations in this section is intended to assist the IETF in its decision processes in progressing drafts to RFCs. Please note that the listing of any individual implementation here does not imply endorsement by the IETF. Furthermore, no effort has been spent to verify the information presented here that was supplied by IETF contributors. This is not intended as, and must not be construed to be, a catalog of available implementations or their features. Readers are advised to note that other implementations may exist.

According to [\[RFC7942\]](#), "this will allow reviewers and working groups to assign due consideration to documents that have the benefit of running code, which may serve as evidence of valuable experimentation and feedback that have made the implemented protocols more mature. It is up to the individual working groups to use this information as they see fit".

Add implementation details once available.

9. References

9.1. Normative References

- [I-D.mcpherson-sattler-registry-report-structure]
McPherson, N. and Sattler, T., "Registry Report Strucutre"
, <<https://datatracker.ietf.org/doc/draft-mcpherson-sattler-registry-report-structure/>> (work in progress), November 2018
- [RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", [BCP 14](#), [RFC 2119](#), March 1997, <<https://www.rfc-editor.org/info/rfc2119>>.

9.2. Informative References

- [I-D.mcpherson-sattler-registry-reporting-repo]
McPherson, N. and Sattler, T., "Registry Reporting Repository", <<https://datatracker.ietf.org/doc/draft-mcpherson-sattler-registry-reporting-repo/>> (work in progress), November 2018
- [RFC7942] Sheffer, Y. and Farrel, A., "Improving Awareness of Running Code: The Implementation Status Section", [RFC 7942](https://www.rfc-editor.org/info/rfc7942), July 2016, <<https://www.rfc-editor.org/info/rfc7942>>.

Appendix A. Change History

Appendix B. Acknowledgements

The authors wish to thank the following persons for their feedback and suggestions (sorted alphabetically by company):

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