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Updated registration rules for URI.ARPA

Abstract

This document removes references to the IETF tree of URI registrations from the procedures for requesting that a URI scheme be inserted into the uri.arpa zone.

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Table of Contents

- [1. Introduction](#)
 - [1.1. Requirements Language](#)
- [2. Updated Requirements](#)
- [3. References](#)
 - [3.1. Normative References](#)
 - [3.2. Informative References](#)
- [Author's Address](#)

1. Introduction

Part five of the Dynamic Delegation Discovery System (DDDS), [RFC 3405](#) [[RFC3405](#)], describes the registration procedures for assignments in URI.ARPA. The document requires that registrations be in the "IETF tree" of URI registrations. The use of URI scheme name trees was defined in [RFC 2717](#) [[RFC2717](#)] but discontinued by [RFC 4395](#) [[RFC4395](#)]. Since the use of trees was discontinued, there is no way in the current process set out in [BCP 35](#) [[RFC7595](#)] to meet the requirement.

1.1. Requirements Language

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in BCP 14 [[RFC2119](#)][[RFC8174](#)] when, and only when, they appear in all capitals, as shown here.

2. Updated Requirements

This document removes the normative requirement from RFC 3405 for registrations in URI.ARPA to be from the IETF URI Tree.

All registrations in URI.ARPA MUST now be for schemes which are permanent registrations, as they are described in BCP 35.

3. References

3.1. Normative References

- [[RFC2119](#)] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <<https://www.rfc-editor.org/info/rfc2119>>.
- [[RFC3405](#)] Mealling, M., "Dynamic Delegation Discovery System (DDDS) Part Five: URI.ARPA Assignment Procedures", BCP 65, RFC 3405, DOI 10.17487/RFC3405, October 2002, <<https://www.rfc-editor.org/info/rfc3405>>.

[RFC7595]

Thaler, D., Ed., Hansen, T., and T. Hardie, "Guidelines and Registration Procedures for URI Schemes", BCP 35, RFC 7595, DOI 10.17487/RFC7595, June 2015, <<https://www.rfc-editor.org/info/rfc7595>>.

[RFC8174]

Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <<https://www.rfc-editor.org/info/rfc8174>>.

3.2. Informative References

[RFC2717]

Petke, R. and I. King, "Registration Procedures for URL Scheme Names", RFC 2717, DOI 10.17487/RFC2717, November 1999, <<https://www.rfc-editor.org/info/rfc2717>>.

[RFC4395]

Hansen, T., Hardie, T., and L. Masinter, "Guidelines and Registration Procedures for New URI Schemes", RFC 4395, DOI 10.17487/RFC4395, February 2006, <<https://www.rfc-editor.org/info/rfc4395>>.

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