Updated Registration Rules for URI.ARPA

Abstract

   This document updates RFC 3405 by removing references to the IETF
   tree from the procedures for requesting that a URI scheme be inserted
   into the URI.ARPA zone.

Status of This Memo

   This memo documents an Internet Best Current Practice.

   This document is a product of the Internet Engineering Task Force
   (IETF). It represents the consensus of the IETF community. It has
   received public review and has been approved for publication by the
   Internet Engineering Steering Group (IESG). Further information on
   BCPs is available in Section 2 of RFC 7841.

   Information about the current status of this document, any errata,
   and how to provide feedback on it may be obtained at
   https://www.rfc-editor.org/info/rfc8958.

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1. Introduction

Part Five of the Dynamic Delegation Discovery System (DDDS) [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] and its successors. 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 to register within that tree.

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 [RFC3405] for registrations in URI.ARPA to be from the IETF URI tree.

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

3. IANA Considerations

This entire document is updated instructions to IANA.

4. Security Considerations

This update does not change the security considerations in RFC 3405 [RFC3405].

5. References

5.1. 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>.

5.2. 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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