URN For Country Specific Emergency Services
draft-ietf-ecrit-country-emg-urn-03.txt

Abstract

   Section 4.2 of RFC 5031 allows the registration of service URNs with
   the 'sos' service type only for emergency services "that are offered
   widely and in different countries". This document updates those
   instructions in RFC 5031 to allow such registrations when, at the
   time of registration, those services are offered in one country only.

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1. Introduction

Table 1 shows the policy for registration of sub-services of the
service URN with the 'sos' service type, as defined in section 4.2.
of RFC 5031 [RFC5031].

```
+--------------------------------------------------------------------+
| The 'sos' service type describes emergency services requiring an   |
| immediate response, typically offered by various branches of the   |
| government or other public institutions.  Additional sub-services  |
| can be added after expert review and must be of general public     |
| interest and have a similar emergency nature.  The expert is       |
| designated by the ECRIT working group, its successor, or, in       |
| their absence, the IESG.  The expert review should only approve    |
| emergency services that are offered widely and in different        |
| countries, with approximately the same caller expectation in       |
| terms of services rendered.  The 'sos' service is not meant to     |
| invoke general government, public information, counseling, or      |
| social services.                                                   |
+--------------------------------------------------------------------+
```

Table 1: Excerpt from RFC 5031 section 4.2.

Some existing emergency services are, at least initially, offered in
one country only. Examples are the "Reporting spies" emergency
service offered in South Korea and the "GAULA (anti-kidnapping)"
emergency service offered in Colombia according to http://
en.wikipedia.org/wiki/Emergency_telephone_number (as per January 8th
2014). Future emergency service might also initially be introduced
in one country only.

The policy for registration of sub-services of the service URN with the 'sos' service type, as defined in RFC 5031 [RFC5031], prevents the registration of a sub-service of the service URN with the 'sos' service type for a service that, at the time of registration, is offered in one country only.

This document updates the 2nd paragraph of section 4.2 of RFC 5031 [RFC5031], in order to allow the registration of service URNs with the 'sos' service type for emergency services that, at the time of registration, are offered in one country only.

2. Conventions

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 BCP 14, RFC 2119 [RFC2119].

3. Update to RFC 5031

3.1. General

Section 3.2 of this document replaces the text of the 2nd paragraph of section 4.2 (Sub-Services for the 'sos' Service) of RFC 5031 [RFC5031].

3.2. New text replacing the text of the 2nd paragraph of section 4.2 of RFC 5031

The 'sos' service type describes emergency services requiring an immediate response, typically offered by various branches of the government or other public institutions. Additional sub-services can be added after expert review. The expert is designated by the ECRIT working group, its successor, or, in their absence, the IESG. The designated expert should only approve services that have emergency nature, that are offered in at least one country, that do not match description of any existing service URN with the 'sos' service type, and where the service description and the URN are defined as broadly as possible to encourage reuse. The 'sos' service is not meant to invoke general government, public information, counseling, or social services.

4. IANA Considerations

This document updates the advice to the expert for the registry of sub-services of the "sos" service. IANA is requested to update the reference for that registry from RFC 5031 [RFC5031] to this document.

http://www.iana.org/assignments/urn-serviceid-labels

5. Change Log

[RFC EDITOR NOTE: Please remove this section when publishing]

Changes from draft-ietf-ecrit-country-emg-urn-02

o Changes based on IESG review.

o - Old section 3, 4 and 5.2 removed.

o - Only modified paragraph kept in section 5.3.

o - Date added to Wikipedia reference.

Changes from draft-ietf-ecrit-country-emg-urn-01

o Security Considerations section updated.

Changes from draft-ietf-ecrit-country-emg-urn-00

o IANA Considerations section updated. Open issue removed.

Changes from draft-holmberg-ecrit-country-emg-urn-02

o Minor editorial fixes.

Changes from draft-holmberg-ecrit-country-emg-urn-01

o Technical fix: Instead of creating a new sub-tree, the 'sos'
   registration rules in RFC are updated, to allow registration of
   URNs that, at the time of registration, are specific to a single
   country.

Changes from draft-holmberg-ecrit-country-emg-urn-00

o Editorial fix: cannot be not fulfilled -> cannot be fulfilled

6. Security Considerations

This document does not update the Security Considerations of RFC
5031.

7. Normative References

[RFC2119]   Bradner, S., "Key words for use in RFCs to Indicate
            Requirement Levels", BCP 14, RFC 2119, March 1997.

[RFC5031]   Schulzrinne, H., "A Uniform Resource Name (URN) for
            Emergency and Other Well-Known Services", RFC 5031,
            January 2008.

Authors' Addresses

   Christer Holmberg
   Ericsson
   Hirsalantie 11
   Jorvas 02420
   Finland

   Email: christer.holmberg@ericsson.com

   Ivo Sedlacek
   Ericsson
   Sokolovska 79
   Praha 18600
   Czech Republic

   Email: ivo.sedlacek@ericsson.com