



URN For Country Specific Emergency Services

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LITERATURE

- › URN For Country Specific Emergency Services
 - <http://tools.ietf.org/id/draft-holmberg-ecrit-country-emg-urn-01.txt>

PROBLEM STATEMENT

- › Today, some emergency services are offered in one country only
 - "Reporting spies" emergency service offered in South Korea
 - "GAULA (anti-kidnapping)" emergency service offered in Colombia
- › Tomorrow, future emergency services can initially be introduced in one country only
- › For such emergency services, it is not possible to register an emergency URN, i.e. a sub-service of the service URN with the 'sos' service type, since IANA registration policy in RFC 5031, section 4.2 is:
 - ... Additional sub-services can be added after expert review and must be of general public interest and have a similar emergency nature. ... 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. ...

ALTERNATIVE 1: DEDICATED SUB-REGISTRY

- › Establish a sub-service of the service URN with the 'sos' service type, where the IANA registration policy is relaxed and where emergency URN can be registered for the emergency service offered in one country only.
- › Proposed URN structure:
 - urn:service:sos.country-specific.<two letter country code>.<identifier assigned by PSAP>
- › Example:
 - urn:service:sos.country-specific.co.165 can identify the "GAULA (anti-kidnapping)" emergency service offered in the Colombia
- › ISSUE:
 - When a service is introduced in an additional country, a new URN needs to be registered, even if the semantics is identical.

ALTERNATIVE 2: RELAXED REGISTRATION POLICY

- › Solution proposed by Richard Barnes and Paul Kyzivat:
 - Relax the IANA registration policy for ANY sub-service of the service URN with the 'sos' service type in RFC5031, section 4.2.
 - It would be sufficient if an emergency service exists in one country.
 - The expert review would ensure that the new service isn't redundant, and that the emergency service description and the emergency URN are defined as broadly as possible to encourage reuse
- › Example:
 - urn:service:sos.police.antikidnapping refers to the emergency service offered by the police department or other law enforcement authorities specialized in dealing with kidnapping.
- › The same service can be introduced in additional countries, without the need to register new URNs.

ALTERNATIVE 2: RELAXED REGISTRATION POLICY

New text replacing section 4.2 of RFC 5031

“This section defines the first service registration within the IANA registry defined in Section 4.1, using the top-level service label 'sos'.

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 expert review 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.”

THE END

THANK YOU FOR
LISTENING!

