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## **A Subregistry for urn:service:sos.police, fire and ambulance draft-rosen-ecrit-service-urn-subregistries-01**

### Abstract

In most countries, there are multiple kinds of police forces. [RFC5031](#) defines a "Service URN" which is used to route emergency calls. The urn has a sub registry for different kinds of emergency services that may be reached from different telephone numbers or service numbers (as opposed to a single number like 112). In many countries, the "police" service is not a single service, but more than one service where the service area and/or types of emergencies they respond to are different. In some countries there are multiple ambulance services. This document defines sub registries for urn:service:sos.police, urn:service:sos.ambulance and, for completeness, urn:service:sos.fire. It also provides an initial set of entries for these sub registries. These services are in addition to the base urn:service:sos.police, etc. services.

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**[1.](#) IANA Considerations**

**[1.1.](#) Police Force Types**

This document extends the urn:service:sos.police to allow the system to distinguish law enforcement agencies. The type of law enforcement agency is a token separated from urn:service.sos.police by a period. The token names are suggestive of the names for different kinds of police forces but is not supposed to be the literal name of the force.

IANA is requested to add a sub registry to the Service URN Labels under sos Sub-Services entitled sos.police Sub-Services. The registry should have Service, Description and References as in the other sub registries for the service urn. The Registration Procedure is Expert review. The expert shall use the same criteria as the other urn:service:sos entries. The initial values of the sub registry are:

Service	Reference	Description
sos.police.national	this document	A police force serving an entire nation
sos.police.provincial	this document	A police force serving a province or state
sos.police.county	this document	A police force serving a county
sos.police.municipal	this document	A police force serving a city, town or other incorporated municipality
sos.police.tourist	this document	A police force serving the needs of international tourists
sos.police.traffic	this document	A police force ensuring compliance with traffic laws, directing traffic and handling vehicular accidents

Table 1: urn:service:sos.police sub registry initial contents

## **1.2. Ambulance Types**

This document extends the urn:service:sos.ambulance to allow the system to distinguish ambulance services. The type of service is a token separated from urn:service:sos.ambulance by a period. The token names are suggestive of the names for different kinds of ambulance services but is not supposed to be the literal name of the service.

IANA is requested to add a sub registry to the Service URN Labels under sos Sub-Services entitled sos.ambulance Sub-Services. The registry should have Service, Description and References as in the other sub registries for the service urn. The Registration Procedure is Expert review. The expert shall use the same criteria as the other urn:service:sos entries. The initial values of the sub registry are:

Service	Reference	Description
sos.ambulance.public	this document	An ambulance service that is operated by a government agency
sos.ambulance.private	this document	An ambulance service that is operated by a private company
sos.ambulance.air	this document	An ambulance service that uses a helicopter or airplane

Table 2: urn:service:sos.ambulance sub registry initial contents

**1.3. Fire Types**

This document extends the urn:service:sos.fire to allow the type of fire service. The type of service is a token separated from urn:service:sos.fire by a period. The token names are suggestive of the names for different kinds of fire services but is not supposed to be the literal name of the service.

IANA is requested to add a sub registry to the Service URN Labels under sos Sub-Services entitled sos.fire Sub-Services. The registry should have Service, Description and References as in the other sub registries for the service urn. The Registration Procedure is Expert review. The expert shall use the same criteria as the other urn:service:sos entries. The initial values of the sub registry are:

Service	Description	Reference
sos.fire.wildfire	A fire service that specializes in wild fires, for example, forest fires	this document

Table 3: urn:service:sos.fire sub registry initial contents

**1.4. Additional Services in Counseling**

IANA is requested to add the following services in the 'counseling' Sub-Services registry:

Service	Reference	Description
counseling.shelter	Provides advice and referrals to callers needing non-emergency medical information.	this document
counseling.parents	Provides advice and referrals to parents needing assistance.	this document
counseling.women	Provides advice and referrals to women	this document
counseling.missing-children	Provides reporting ability and accepts information about missing children.	this document
counseling.missing-person	Provides reporting ability and accepts information about missing persons.	this document
counseling.crime-victim	Provides advice and referrals to crime victims.	this document
counseling.tourists	Provides advice and referrals to tourists.	this document
counseling.social-services	Provides advice and referrals to callers needing social services.	this document
counseling.shelter	Provides advice and referrals to callers needing shelter.	this document

Table 4

**1.5. Other sos services**

IANA is requested to add the following entries to the 'sos' Sub-Services registry:

Service	Reference	Description
sos.water	Water main breaks and other water emergencies	this document
sos.electric	Emergencies related to utility electric power	this document
sos.aeronautical	aeronautical emergencies sos.aeronautical reaches services that handle emergencies related to aircraft, such as plane crashes, rather than air ambulance services.	this document
sos.child-protection	Summon help for abused or neglected children	this document
sos.disaster	Help during natural and man-made disasters such as storms, earthquakes and floods	this document
sos.message	Emergency services reached using message-based communication, e.g., short message service (SMS) or fax. sos.message is only meant to be used in cases where a country has established a separate emergency number to be used for fax, TTY or text messages, e.g., for people who are Deaf or hard-of-hearing. The URN should not be used if text messages can be sent to the general service:sos URN or if real-time text or TTY calls can reach the general service:sos URN	this document

Table 5

**1.6. Government services top level entry**

IANA is requested to add a new entry to the URN Service Labels Registry:

Service	Reference	Description
government	non-emergency services offered by various branches of government	this document

Table 6

**1.7. Government services sub registry**

IANA is requested to create a new 'government Sub-Services' sub registry in the URN Service Labels registry. The 'government' service is used for general informational services that provide residents access and information about government services relevant to their current location. For example, in the United States and Canada, 311 is used for this purpose.

Additional sub-services can be added after expert review and must be of general public interest. The expert is designated by the ECRIT working group, its successor, or, in their absence, the IESG. The expert review should only approve government services that are offered widely and in different countries, with approximately the same caller expectation in terms of services rendered.

A new entry must specify the service name, description and a reference similar to other Sub Registries in the URN Service Label registry. The initial values in this sub registry are:



Service	Reference	Description
government.police	Used for non-emergency calls, e.g., to report a crime that took place in the past	this document
government.ambulance>	A non-emergency medical transport service	this document
government.crime-reports>	A non-emergency medical transport service	this document

Table 7

## **2. Security Considerations**

This document has the same security considerations as those in [\[RFC5031\]](#).

## **3. Acknowledgements**

Ivo Sedlacek described the problem and attempted to register a service with a specific police force as distinct from urn:service:sos.police. This work was inspired by his problem.

## **4. Normative References**

[RFC5031] Schulzrinne, H., "A Uniform Resource Name (URN) for Emergency and Other Well-Known Services", [RFC 5031](#), DOI 10.17487/RFC5031, January 2008, <<https://www.rfc-editor.org/info/rfc5031>>.

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