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B. Rosen
Neustar, Inc
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**A Subregistry for urn:service:sos.police, fire and ambulance
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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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Table of Contents

- [1.](#) IANA Considerations [2](#)
- [1.1.](#) Police Force Types [2](#)
- [1.2.](#) Ambulance Types [3](#)
- [1.3.](#) Fire Types [4](#)
- [2.](#) Security Considerations [4](#)
- [3.](#) Acknowledgements [4](#)
- [4.](#) Normative References [4](#)
- Author's Address [4](#)

[1.](#) IANA Considerations

[1.1.](#) Police Force Types

This document extends the urn:service:sos.police to allow the type of police force. The type of force 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 |
|------------|---------------|--|
| federal | this document | A police force serving an entire nation |
| provincial | this document | A police force serving a province or state |
| county | this document | A police force serving a county |
| municipal | this document | A police force serving a city, town or other incorporated municipality |

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 type of ambulance. 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 |
|---------|---------------|--|
| public | this document | An ambulance service that is operated by a government agency |
| private | this document | An ambulance service that is operated by a private company |
| 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 | Reference | Description |
+-----+-----+-----+
| wildfire | this | A fire service that specializes in wild |
| | document | fires, for example, forest fires |
+-----+-----+-----+
    
```

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

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, <<http://www.rfc-editor.org/info/rfc5031>>.

Author's Address

Brian Rosen
Neustar, Inc
470 Conrad Dr
Mars, PA 16046
US

Phone: +1 724-382-1051
Email: br@brianrosen.net