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The Internet Assigned Number Authority Universal Resource Identifier Parameter Registry for the Session Initiation Protocol

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Abstract

This document creates an IANA registry for SIP URI and SIPS URI parameters. It also lists the already existing parameters to be used as initial values for that registry.

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1 Introduction

RFC3261 [1] allows new SIP URI and SIPS URI parameters to be defined. However, RFC3261 omitted an IANA registry for them. This document creates such a registry.

2 Use of the Registry

Both RFC defined and proprietary SIP URI and SIPS URI parameters MUST be registered with IANA as described below.

3 IANA Considerations

Section 27 of RFC 3261 [1] creates an IANA registry for method names, header field names, warning codes, status codes, and option tags. This specification instructs the IANA to create a new sub-registry under http://www.iana.org/assignments/sip-parameters:

- SIP/SIPS URI Parameters

3.1 SIP and SIPS URI Parameters Sub-Registry

New SIP and SIPS URI parameters are registered by the IANA. When registering a new SIP or SIPS parameter, the following information MUST be provided.

- Name of the parameter.
- For proprietary parameters, a brief description of its semantics.
- A reference to a further description, if available. For example, (in order of preference) an RFC, a published paper, a patent filing, a technical report, documented source code or a computer manual.
- For proprietary parameters, contact information (postal and email address).

Table 1 contains the initial values for this sub-registry.

4 Security Considerations

There are no security considerations associated to this document.

Parameter Name	Description	Reference
transport		RFC 3261
user		RFC 3261
method		RFC 3261
ttl		RFC 3261
maddr		RFC 3261
lr		RFC 3261
comp		RFC 3486

Table 1: IANA SIP and SIPS URI parameter sub-registry

5 Acknowledgements

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6 Authors' Addresses

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7 Normative References

[1] J. Rosenberg, H. Schulzrinne, G. Camarillo, A. R. Johnston, J. Peterson, R. Sparks, M. Handley, and E. Schooler, "SIP: session initiation protocol," RFC 3261, Internet Engineering Task Force, June 2002.

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