Network Working Group
INTERNET-DRAFT

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Session Identification Registration (SESSID)
for
Signalling User Adaptation Layers
<draft-bidulock-sigtran-sessid-04.ps>

Status of this Memo

Copyright

Abstract

This memo describes *Session Id Registration (SESSID)* that provides the ability for one (listening) Application Server to indicate that a session should be established with another (accepting) Application Server for connection- and transaction-oriented messaging in the SS7 Signalling User Adaptation Layers [M3UA-BIS..TUA]. Extension parameters and procedures are added by this memo in extension to those of the User Adaptation layers to provide a closer model to that of the XNS/XTI interfaces, where one interface may be designated as a 'listener' and another designated as an 'acceptor'. This permits ISO compliant interfaces for SCCP to maintain the same semantic for SUA and TUA.

1. Introduction

1.1. Scope

1.2. Terminology

1.3. Overview

1.3.1. Multiple SGs

1.3.1.1. Fail-over of routesets between SGs

1.3.1.2. Redirection of routesets between SGs

1.4. Sample Configurations

2. Conventions

The keywords "**MUST**", "**MUST NOT**", "**REQUIRED**", "**SHALL**", "**SHALL NOT**", "**SHOULD**", "**SHOULD NOT**", "**RECOMMENDED**", "**NOT RECOMMENDED**", "**MAY**", and "**OPTIONAL**", when they appear in this document, are to be interpreted as described in [RFC 2119].

3. Protocol Elements

3.1. Parameters

3.2. Messages

4. Procedures

4.1. AS and ASP State Maintenance

4.1.1. ASP State

4.1.2. AS State

4.1.3. ASP Up Procedures

4.1.4. ASP Down Procedures

4.1.5. ASP Active Procedures

4.1.6. ASP Inactive Procedures

4.1.7. Notify Procedures

5. Examples

6. Security

7. IANA Considerations

0. Change History

This section provides historical information on the changes made to this draft. This section will be removed from the document when the document is finalized.

0.4. Changes from Version 0.3 to Version 0.4

0.3. Changes from Version 0.2 to Version 0.3

0.2. Changes from Version 0.1 to Version 0.2

0.1. Changes from Version 0.0 to Version 0.1

0.0. Version 0.0

0.0.0. Change Log

```
$Log: draft-bidulock-sigtran-sessid-04.me,v $
Revision 0.9.2.3  2005/10/17 11:53:46  brian
- updated drafts for republication

Revision 0.9.2.2  2005/05/14 08:33:20  brian
- copyright header correction

Revision 0.9.2.1  2004/03/16 05:10:45  brian
- Added drafts and figures.

Revision 0.8.2.1  2003/07/28 13:12:21  brian
Reformatting.
```

R. References

[**M3UA-BIS**] Pastor, J., Morneault, K., *"Signaling System 7 (SS7) Message Transfer Part 3 (MTP3)-User Adaptation Layer (M3UA),"* **<draft-ietf-sigtran-rfc3332bis-05.txt>**, Internet Engineering Task Force - Signalling Transport Working Group (October 2005). *Work In Progress*

[**SUA**] Loughney, J., Sidebottom, G., Coene, L., Verwimp, G., Keller, J. and Bidulock, B., *"Signalling Connection Control Part User Adaptation Layer (SUA),"* **RFC 3868**, Internet Engineering Task Force - Signalling Transport Working Group (October, 2004).

[**ISUA**] Bidulock, B., *"SS7 ISUP-User Adaptation Layer (ISUA),"* **<draft-bidulock-sigtran-isua-03.txt>**, Internet Engineering Task Force - Signalling Transport Working Group (October 16, 2005). *Work In Progress.*

[**TUA**] Bidulock, B., *"SS7 TCAP-User Adaptation Layer (TUA),"* **<draft-bidulock-sigtran-tua-04.txt>**, Internet Engineering Task Force - Signalling Transport Working Group (October 16, 2005). *Work In Progress.*

R.1. Normative References

[**RFC 2119**] Bradner, S., *"Key words for use in RFCs to Indicate Requirement Levels,"* **RFC 2119 - BCP 14**, The Internet Society (March 1997).

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Table of Contents

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Acknowledgement

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