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INTERNET-DRAFT

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Session Identification Registration (SESSID)
for
Signalling User Adaptation Layers
<draft-bidulock-sigtran-sessid-01.ps>

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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...TUA01]. 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. Change History

1.3. Terminology

1.4. Overview

1.4.1. Multiple SGs

1.4.1.1. Fail-over of routesets between SGs

1.4.1.2. Redirection of routesets between SGs

1.5. 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

Notes

References

M3UA. G. Sidebottom, K. Morneault and J. Pastor-Balbas, (eds), "Signaling System 7 (SS7) Message Transfer Part 3 (MTP3) - User Adaptation Layer (M3UA)," RFC 3332, Internet Engineering Task Force - Signalling Transport Working Group (September, 2002).

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ISUA00.
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RFC 2119.
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