ATIS-1000045.2012(S2022)

ATIS Identity Management: Mechanisms and Procedures Standard

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American National Standard for Telecommunications for

ATIS Identity Management: Mechanisms and Procedures Standard

Alliance for Telecommunications Industry Solutions

Approved August 20, 2012

American National Standards Institute, Inc.

Abstract

This standard describes the specific IdM mechanisms and suites of options that should be used to meet the requirements defined in the ATIS IdM Requirements and Use Cases Standard.

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

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ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, PTSC, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time of consensus on this document, PTSC, which was responsible for its development, had the following leadership:

M. Dolly, PTSC Chair (AT&T)
V. Shaikh, PTSC Vice-Chair (Applied Communication Sciences)
M. Dolly, PTSC SAC Chair (AT&T)
W. Downum, Technical Editor (Ericsson)
C. Underkoffler, ATIS Chief Editor

The Signaling, Architecture, and Control (SAC) Subcommittee was responsible for the development of this document.

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1 Scope

[ATIS 1000044], *NGN Identity Management Requirements and Use Cases*, specifies identity management (IdM) requirements for the Next Generation Network (NGN). This standard describes the specific IdM mechanisms and suites of options that should be used to meet the requirements specified in [ATIS 1000044]. In addition, it provides best practices and guidelines to support interoperability and other needs.

This standard is intended to be used together with [ATIS-1000035], [ATIS-1000044], [ITU-T Y.2720], and [ITU-T Y.2721] as the fundamental architectural concepts, requirements and use cases are not repeated in this standard.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and the parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

2.1 ATIS References[1]

[ATIS-33102] ATIS.3GPP.33.102V710-2007, *3G; Security Architecture*.

[ATIS-1000010] ATIS-1000010.2006 (R2011), *Support of Emergency Telecommunications Service in IP Networks*.

[ATIS-1000018] ATIS-1000018, *NGN Architecture*.

[ATIS-1000029] ATIS-1000029.2008, *Security Requirements for NGN*.

[ATIS-1000030] ATIS-1000030.2008, *Authentication and Authorization Requirements for Next Generation Network (NGN)*.

[ATIS-1000034] ATIS-1000034.2010, *Next Generation Network (NGN): Security Mechanisms and Procedures*.

[ATIS-1000035] ATIS-1000035.2009, *Next Generation Network (NGN) Identity Management (IdM) Framework*.

[ATIS-1000044] ATIS-1000044.2011, *ATIS Identity Management: Requirements and Use Cases Standard*.

[ATIS-1000046] ATIS-1000046, *Data Border Functions and Requirements*.

[1] This document is available from the Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street N.W., Suite 500, Washington, DC 20005. < https://www.atis.org/docstore/default.aspx >