ETSI GS INS 001 V1.1.1 (2011-03)

Group Specification

Identity and access management for Networks and Services; IdM Interoperability between Operators or ISPs with Enterprise

Disclaimer

This document has been produced and approved by the Identity and Access Management for Networks and Services (ETSI INS) ETSI Industry Specification Group (ISG) and represents the views of those members who participated in this ISG.
It does not necessarily represent the views of the entire ETSI membership.

Reference
DGS/INS-001

Keywords
access, ID, interoperability, management,
network, service, use case

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

Individual copies of the present document can be downloaded from:
 http://www.etsi.org

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status.
Information on the current status of this and other ETSI documents is available at
http://portal.etsi.org/tb/status/status.asp

If you find errors in the present document, please send your comment to one of the following services:
http://portal.etsi.org/chaircor/ETSI_support.asp

Copyright Notification

Contents

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://webapp.etsi.org/IPR/home.asp).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This Group Specification (GS) has been produced by ETSI Industry Specification (ISG) Identity and access management for Networks and Services (INS).

Introduction

In the present document we present an architecture and its instantiation for use cases where interoperability exists between Operators and Enterprises in terms of authentication and attribute exchange. Historically both domains were seen as separated, without any kind of interactions. The demand for new scenarios, i.e. Software as a Service, implies that some interactions need to be in place. This cooperation can be achieved either by exchanging data about the user or reusing the authentication context.

The first part of the present document provides a brief overview of the actual authentication and attributes exchange within the Operator and the Enterprise. Next, a set of use cases which demand for cooperation between Enterprise and Operators are presented. These use cases are the ground to collect the requirements and the impact of such requirements in the actual architectures.

The second part of the present document presents the architecture in terms of functions and its relationships, which answers the collected requirements. Moreover it describes the interfaces and the protocols such interfaces can use. Finally two examples of its instantiation are presented.