

OASIS Publishes Committee Specification for BIAS SOAP Profile

Biometric Identity Assurance Services specification now available for use.

Boston, MA, USA; 25 January 2012 – The OASIS international standards consortium announced the publication of a Committee Specification for the BIAS SOAP Profile. This OASIS Biometric Identity Assurance Services (BIAS) profile specifies how to use the eXtensible Markup Language (XML) definitions contained within the ANSI INCITS 442-2010 – Biometric Identity Assurance Services standard to invoke Simple Object Access Protocol (SOAP) based services that implement BIAS operations. These SOAP-based services enable a software application to invoke biometric identity assurance operations remotely in a Services Oriented Architecture (SOA) infrastructure.

"The BIAS Technical Committee is pleased to offer the BIAS SOAP Profile to enable the implementation of standards-based biometric Web services" said Catherine Tilton, chair of the BIAS TC at OASIS. "This will greatly facilitate service-based communication between heterogeneous biometric systems and subsystems."

The BIAS Committee Specification package contains the specification (in multiple formats), the Web Services Definition Language (WSDL) and XML schema files and can be downloaded at <http://docs.oasis-open.org/bias/soap-profile/v1.0/cs01/biasprofile-v1.0-cs01.zip>. The BIAS SOAP Profile specification can be found at <http://docs.oasis-open.org/bias/soap-profile/v1.0/cs01/biasprofile-v1.0-cs01.pdf>.

The National Institute of Standards and Technology (NIST) has developed a basic implementation of the OASIS BIAS specification, implementing all of its major biometric capabilities (i.e., enroll/verify/identify). The provided source contains a cross-

language solution comprising a standalone web service (VB.NET) and client (Adobe Flex). This implementation is freely available for download at http://www.nist.gov/itl/iad/ig/upload/BIAS_20110916.zip.

A statement of use (SoU) has also been received from Viometric, a technology start-up company focused in the field of video analytics, mobile surveillance, and video data mining. Per the SoU, Viometric has successfully implemented the BIAS SOAP Profile committee specification Ver 1.0. The U.S. Department of Defense (DoD) Biometrics Identity Management Agency (BIMA) has also issued an SoU. BIMA is developing a test case generation capability for the BIAS SOAP Profile that supports traditional XML markup and compact, single-part ASN.1 binary messages.

The next step for the BIAS technical committee is to achieve full OASIS standard status. "Although many OASIS work products choose to complete at committee specification level, we plan to move the BIAS SOAP Profile to a full OASIS standard," explained Tilton. "We have now received all three required statements of use to initiate this next and final step."

About OASIS

OASIS (Organization for the Advancement of Structured Information Standards) is a not-for-profit, international consortium that drives the development, convergence, and adoption of e-business standards. Members themselves set the OASIS technical agenda, using a lightweight, open process expressly designed to promote industry consensus and unite disparate efforts. The consortium produces open standards for Web services, security, e-business, and standardization efforts in the public sector and for application-specific markets. Founded in 1993, OASIS has more than 5,000 participants representing over 600 organizations and individual members in 100 countries. Approved OASIS Standards include AVDL, BCM, CAP, DITA, DocBook, DSML, ebXML CPPA, ebXML Messaging, ebXML Registry, EDXL-DE, EML, OpenDocument, SAML, SPML, UBL, UDDI, WSDM, WS-Reliability, WSRF, WSRP, WS-Security, XACML, XCBF, and XML Catalogs. <http://www.oasis-open.org>

Additional information

OASIS BIAS Integration Technical Committee

<http://www.oasis-open.org/committees/bias/>

Press contact

Carol Geyer

OASIS Director of Communications

carol.geyer@oasis-open.org

+1.978.667.5115 x209

BIAS TC contact

Cathy Tilton

Chair, BIAS TC

cathy.tilton@daon.com

+1 703-984-4080