

Tasks:

Oasis-DSSP (name to be decided)

<http://www.oasis-open.org/committees/process.php#2.2>

Preliminary Charter

(1)(a) The name of the TC

OASIS Digital Signature Services Profiles

(1)(b) A statement of purpose, including a definition of the problem to be solved.

This Technical Committee has its mandate as production of new profiles of the existing OASIS-DSS core protocol "Digital Signature Service Core Protocols, Elements, and Bindings" and maintenance of this specification and its existing profiles.

If at a later date it becomes clear that a new version of DSS is necessary then this may be produced by the TC.

This further includes promotion of the standard and the creation of material helping dissemination.

In general terms, the TC has the goal to facilitate the processing of digital signatures and time stamps in a client server environment.

(1)(c) Scope of the work

The scope of activity for this TC will be within the following topics:

- Support of the server-based creation and verification of different types of signatures, among which the most relevant ones are XML Sig and CMS, and timestamps, both RC 3161 and the XML time-stamps defined by OASIS DSS TC.
- Maintenance of the existing OASIS-DSS standard's and core protocol "Digital Signature Service Core Protocols, Elements, and Bindings" and related profiles produced by the OASIS Digital Signature Services Technical Committee.
- Production of new profiles suitable for a number of environments and purposes, which spread the usage of the specifications.
- Production of an analysis of inter-relationship among existing profiles in a matrix where new profiles shall state their relationship to existing ones.
- Production of dissemination material for promoting usage and facilitating tools development.

(1)(d) A list of deliverables, with projected completion dates.

- New DSS Profiles
- Maintenance of "Digital Signature Service Core Protocols, Elements, and Bindings"

- Maintenance of existing Profiles
- Further Interoperability tests
- Cross Matrix for existing profiles showing their inter-relationship
- WSDL definition for the DSS soap bindings

- Candidate profiles include:
 - Visible signatures
 - Profile for EBXML
 - Profile for individual reports on every signature verified in multi-signature documents
 - Profile for requesting signed verification responses
 - “baseline” profiles
 - Handling of signature & service policy

(1)(e) Specification of the IPR Mode under which the TC will operate.

RF Limited

Note: This TC is being formed under the spirit of trying to provide royalty free standards to the community.

We hereby express our intention to preferably refer to technologies this specification will be depending that are available royalty free.

To our best knowledge we will try to refer other material only in optional parts of the specifications.

(1)(f) The anticipated audience or users of the work.

Anticipated audience or users of the work include:

- Applications requiring digital signatures
- Companies requiring centralized electronic signature generation solutions in place (e-Invoice in Europe for instance).
- Companies offering signing, time stamping and verification as a service (ASP provider).
- Trusted Service Providers of more or less closed communities offering centralized electronic signatures verification services.
- Public Administrations launching e-Identity initiatives.
- Public Administrations and private companies doing Government-Business Electronic Commerce.
- Public Administrations agencies exchanging signed documents.
- Participants in Exchange Processes, where signed documents are to be exchanged, archived and/or retrieved.

(1)(g) The language in which the TC shall conduct business.

English

(2)(a) Identification of similar or applicable work that is being done in other OASIS TCs or by other organizations

Many efforts related to digital signatures and related technologies are underway throughout the industry. The following work may be relevant to this OASIS Digital Signature Services Profiles TC:

- OASIS Digital Signature Service TC (DSS) [closed]
- OASIS Access Control TC (XACML)
- OASIS Rights Language TC (XrML) [closed]
- OASIS Security Services TC (SAML)
- OASIS Web Services Security TC (WSSTC) [completed]
- OASIS Election and Voter Services TC
- OASIS LegalXML eNotarization TC
- OASIS LegalXML Electronic Court filing
- OASIS ebXML Registry TC
- OASIS XML Common Biometric Format TC (XCBF) [completed]
- OASIS Biometric Identity Assurance Services Integration TC (BIAS)
- OASIS Enterprise Key Management Infrastructure TC (EKMI)
- OASIS Public Key Infrastructure Adoption TC (PKIA)
- W3C XML Signature
- W3C XML Key Management
- W3C XML Encryption
- ETSI Electronic Signatures and Infrastructures Technical Committee
- ANSI X9F4 X9.95 (Trusted Time Stamps)
- ISO/IEC JTC1/SC27 and standard ISO/IEC 18014
- Universal Postal Union S43-2 Electronic PostMark (EPM) interface standard

Future Tasks

(2)(b) The date, time, and location of the first meeting

(2)(c) The projected on-going meeting schedule

(2)(d) Supporters

(2)(e) The name of the Convener who must be an Eligible Person.

(2)(f) The name of the Member Section with which the TC intends to affiliate, if any..

(2)(g) Optionally, a list of contributions of existing technical work that the proposers anticipate will be made to this TC.

(2)(h) Optionally, a draft Frequently Asked Questions (FAQ) document regarding the planned scope of the TC, for posting on the TC's website.

(2)(i) Optionally, a proposed working title and acronym for the specification(s) to be developed by the TC.