



Working Group Charter

Web Services Basic Security Work Plan

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This Working Group will produce Administrative and non-Material documents (framework, work plan and draft WG charters) which are needed to define a security work plan within WS-I.

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1. Goals and Mission

The Web Services Basic Security Work Plan Working Group will develop a framework and a short-term work plan for the WS-I Board, prioritizing and scoping security interoperability issues, leveraging usage scenarios and use cases, and creating draft charters for workgroups as required.

2. Working Group Chair, Co-Chair and Membership

Chair: Eve Maler

The Chair will be appointed by the WS-I Board.

Membership will be determined as a part of the WS-I community activity.

3. Team Composition and Responsibilities

Participants should include, but not be limited to, those engaged in Web service security development, software architects, and experts in the security domain. Some participants should come from the currently existing working groups in order to build on the already existing experience.

4. Scope of Effort

This Working Group will focus on the development of administrative and non-Material documents, which are needed to initiate and structure the short-term security work within WS-I.

The working group will consider security issues regarding interoperability of Web services.

The Working group will start with the existing usage scenarios, use cases and sample applications. It will consider the security threats and risks in various Web services contexts such as Intranet, Extranet, and Public Internet etc.

It will consider interoperability requirements in the following areas:

- identification and authentication,
- message integrity and message authentication,
- message confidentiality,
- non-repudiation.

The relevant existing standards in that space, such as HTTP Authentication, W3C XML DSIG, W3C XML Encryption, XKMS, OASIS SAML 1.0, XrML, HTTPS, S/MIME, PKIX (X.509 certificates), Kerberos, PKCS, DSS, SHA-1, CMS, XML Canonicalization, XSLT, XML Infosets, etc. need to be identified.

Synergies with ongoing and existing security standards work at organizations such as OASIS, W3C, IETF need to be considered for the proposed work plan. Duplication of efforts needs to be avoided.

5. Duration of Working Group

This Working Group has time until March 9, 2003 to produce these deliverables. The Board may, at its discretion, extend the Working Groups term to accommodate rework associated with proposed changes from Working Group members, the Board, and the WS-I Membership

6. Required Deliverables

1. Framework specifying Web services security interoperability issues and threats to be dealt with, relative to identified scenarios and use cases.
2. Draft charters for suggested working groups, which then should produce Profiles, Use Cases, Usage Scenarios, Sample Applications and Test Materials during 2003.
3. Work plan for future security work as appropriate.

7. Critical Dependencies with Other WS-I Working Groups

1. Relationship to the WS-I Basic Profile working group, including Profile Composition, needs to be taken into account.
2. Relationships to the existing Scenarios and Sample application working group and potential new vertical sample application groups need to be considered.
3. Relationship to the Test Tools needs to be considered, additional work in that space needs to be identified.