

Revised Feb 5th 2004 (Revision 2)

From: WSS TC Chairs
To: Karl Best, OASIS

Dear Karl,

Per the OASIS process document [1], we Kelvin Lawrence and Chris Kaler, co-Chairs of the WSS TC [2], have prepared the following document to accompany the submission from the WSS TC to OASIS of the Web Services Security specification and related documents for final approval as an OASIS standard.

The TC voted to re-approve the documents [3], [4], [5], [6], [7] as committee draft specs and to submit them to OASIS. The ballots that were used to achieve this position are at [8] and [9]

Please find below the completed submission checklist.

Respectfully submitted by:
Kelvin Lawrence and Chris Kaler
WSS TC co-Chairs, 5th February 2004

We have addressed each of the 10 required items from the process document below. The requirement appears in black text and our response in [blue](#) text.

- 1. A formal specification that is a valid member of its type, together with appropriate documentation for the specification, both of which must be written using approved OASIS templates;**

[See footnotes \[3\] thru \[7\]](#)

- 2. A clear English-language summary of the specification;**

[The documents being advanced today are as follows:](#)

[Web Services Security: SOAP Message Security \(WS-Security\) \[3\]](#)

[Web Services Security: Username Token Profile \[4\]](#)

[Web Services Security: X.509 Certificate Token Profile \[5\]](#)

[Two XML schema documents, secext.xsd \[6\] and utility.xsd \[7\]](#)

[The WS-Security specification describes a set of extensions to SOAP that allow message level security to be added to Web Services message exchanges. The two profile documents describe mechanisms for using WS-Security to carry Username/Password and X.509 certificate level detail within these messages. The two schema documents provide the formal XML definition of the extensions to the SOAP schema that WS-Security introduces.](#)

- 3. A statement regarding the relationship of this specification to similar work of other OASIS TCs or other standards developing organizations;**

[This work builds upon work done in W3C in the areas of XML Digital Signature \(DSIG\) and XML Digital Encryption. The specification describes how to include security content \(signatures and cipher text etc.\) within a SOAP message header and body. As such, this spec, both utilizes and complements the SOAP work done by the XMLP WG at W3C. Further, the WSS specification and its profiles describe how to utilize X.509 certificates within SOAP messages. X.509 \(and X.500\) are](#)

of course well known public specifications. Further profiles (yet to be finished) will describe how WS-Security can be used in conjunction with Kerberos, SAML, XrML and other security technologies that have been or are being developed at OASIS and elsewhere. Links to these related technologies are included in the specifications that we are delivering for easy cross reference by the reader.

4. Certification by at least three OASIS member organizations that they are successfully using the specification consistently with the OASIS IPR Policy;

We have received statements from the following TC member organizations. We include below the submitted text (for ease of reading) and also pointers to the e-mail archive record of the statements made.

Argonne National Laboratory [22]

Argonne National Laboratory, a participant in The Globus Alliance, has successfully implemented and used the Web Services Security Committee Drafts (specs and schemas); Argonne is an OASIS Contributor and has fulfilled the requirements of the IPR Policy.

Frank Siebenlist, The Globus Alliance - Argonne National Laboratory

BEA Systems [15]

BEA Systems hereby certifies that we are successfully using the WSS Committee Draft Specifications consistently with the OASIS IPR Policy.

Hal Lockhart, BEA Systems.

CommerceOne [16]

Commerce One hereby certifies that Commerce One is successfully using WSS Committee Draft Specification consistently with the OASIS IPR Policy. Commerce One has implemented in its product, and has demonstrated the interoperability with other vendors in September 2003, during the second WSS Interop testing.

Symon Chang, Commerce One

IBM [17]

IBM has successfully implemented and used the Web Services Security Committee Drafts (specs and schemas) dated Monday January 19, 2004 and was consistent with the OASIS IPR Policy.

Anthony Nadalin, IBM

Microsoft [18]

Microsoft has successfully used the Web Services Security committee drafts approved for final submission to OASIS, consistent with the OASIS IPR Policy.

Vijay Gajjala. Microsoft.

OpenNetwork [19]

OpenNetwork Technologies hereby certifies that we are successfully using the WSS Committee Draft Specifications consistently with the OASIS IPR Policy.

Steve Anderson, OpenNetwork

Reactivity [20]

Reactivity has successfully implemented and used the Web Services Security Committee Draft Specifications in a manner consistent with the OASIS IPR Policy.

Eric Gravengaard,Reactivity

Systinet [21]

Systinet attests that it successfully uses WSS-SOAPMessageSecurity specification. We are using the core functionality and WSS-UserName and WSS-X509 profiles in our implementation. Systinet is aware of the IPR statements concerning implementation of OASIS WSS specification as stated in <http://www.oasis-open.org/committees/wss/ipr.php>.

Sincerely,

Jan Alexander, Systinet

- 5. An account of each of the comments/issues raised during the public review period, along with its resolution;**

See footnote [13] and [14]

- 6. An account of and results of the voting to approve the specification as a Committee Draft;**

See footnotes [8] and [9]

- 7. An account of or pointer to votes and comments received in any earlier attempts to standardize substantially the same specification, together with the originating TC's response to each comment;**

This specification has not been previously submitted to OASIS.

- 8. A pointer to the publicly visible comments archive for the originating TC**

See footnote [10]

- 9. A statement from the chair of the TC certifying that all members of the TC have been provided with a copy of the OASIS IPR Policy; and**

The TC chairs certify that all members have been reminded to read the IPR statement on numerous occasions and also in e-mail such as at [11] and [12]

- 10. Optionally, a pointer to any minority reports submitted by one or more TC members who did not vote in favor of approving the Committee Draft, or certification by the chair that no minority reports exist.**

No minority reports have been submitted to the chairs as of this writing. Two comments were registered using the ballot tool during the Committee Draft vote. Several comments were recorded using the ballot tool during the ballot to advance the specification to OASIS. Please see footnotes [8] and [9]

General References

- [1] <http://www.oasis-open.org/committees/process.php#standard>
- [2] http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=wss

Documents being submitted

- [3] <http://www.oasis-open.org/committees/download.php/5072/oasis-200401-wss-soap-message-security-1.0.pdf>
- [4] <http://www.oasis-open.org/committees/download.php/5074/oasis-200401-wss-username-token-profile-1.0.pdf>
- [5] <http://www.oasis-open.org/committees/download.php/5073/oasis-200401-wss-x509-token-profile-1.0.pdf>
- [6] <http://www.oasis-open.org/committees/download.php/5076/oasis-200401-wss-wssecurity-secext-1.0.xsd.xsd>
- [7] <http://www.oasis-open.org/committees/download.php/5075/oasis-200401-wss-wssecurity-utility-1.0.xsd.xsd>

Ballots

- [8] <http://www.oasis-open.org/apps/org/workgroup/wss/ballot.php?id=323&>
- [9] <http://www.oasis-open.org/apps/org/workgroup/wss/ballot.php?id=324&>

Comments archive

- [10] <http://lists.oasis-open.org/archives/wss-comment/>

Reminders to read IPR statement (two of many such mails)

- [11] <http://lists.oasis-open.org/archives/wss/200401/msg00100.html>
- [12] <http://lists.oasis-open.org/archives/wss/200401/msg00164.html>

Disposition of comments/issues from Public Review

- [13] <http://lists.oasis-open.org/archives/wss/200401/msg00157.html>
- [14] <http://lists.oasis-open.org/archives/wss/200311/msg00044.html>

Implementation Statements

- [15] <http://lists.oasis-open.org/archives/wss/200402/msg00022.html>
- [16] <http://lists.oasis-open.org/archives/wss/200402/msg00027.html>
- [17] <http://lists.oasis-open.org/archives/wss/200402/msg00023.html>
- [18] <http://lists.oasis-open.org/archives/wss/200402/msg00029.html>
- [19] <http://lists.oasis-open.org/archives/wss/200402/msg00024.html>
- [20] <http://lists.oasis-open.org/archives/wss/200402/msg00026.html>
- [21] <http://lists.oasis-open.org/archives/wss/200402/msg00025.html>
- [22] <http://lists.oasis-open.org/archives/wss/200402/msg00028.html>