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## AS4: Secure B2B Document Exchange Using Web Services

AS4: Secure B2B Document Exchange Using Web Services is a standard being developed by a subcommittee of the OASIS ebXML Messaging Services Technical Committee. The intent and purpose of the formation of the AS4 subcommittee is the development of a Conformance Profile of the ebMS v3.0 specification. This profile will provide guidance for a standardized methodology for the secure and document-agnostic exchange of B2B payloads using Web services. By constraining the ebMS v3.0 specification and the underlying WS-I profiles for messaging packaging, transport, security, and non-repudiation, the profile will focus on providing an entry-level on-ramp for Web services B2B messaging. The end goal of this profile development is to replicate and strategically extend the existing functional requirements currently satisfied by RFC4130 (AS2) by mapping those requirements onto the Web services platform.

In summary:

- The Profile serves to jump-start ebMS v3 implementations by constraining and paring down the options for vendors to implement, as well as provides some specific guidance for using Web services as a secure, document-agnostic B2B messaging platform.
- It provides the ebXML Messaging Services TC at OASIS a tangible Profile to work on expanding ebMS v3 functionality in the areas of compression, very large message support, and others.
- The Profile provides the marketplace an entry-level on-ramp to begin utilizing their internal SOA platforms for external B2B messaging while taking on some of the more complicated aspects of Web services

To join the AS4 subcommittee at OASIS, go to:

[http://www.oasis-open.org/committees/tc\\_home.php?wg\\_abbrev=ebxml-msg-as4](http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ebxml-msg-as4)

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