



# Web Services Federation Language

## Federated Identity and Security

Level: Advanced

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This specification defines mechanisms to allow different security realms to federate by allowing and brokering trust of identities, attributes, authentication between participating Web services.

The Web Services Federation specification is another component of the Web Services Security model that defines mechanisms to allow different security realms to federate by allowing and brokering trust of identities, attributes, authentication between participating Web services. The mechanisms defined in this specification can be used by passive and active requestors. The Web service requestors are assumed to understand the new security mechanisms and be capable of interacting with Web service providers.

This specification defines the model and framework for federation; subsequent documents define profiles which detail how different requestors apply this model.

### Get specification and related material

Description	Date	Access method
<a href="#">WS-Federation specification v1.1</a> (PDF, 1,273 KB)	December 2006	HTTP download
<a href="#">WS-Federation WSDL</a> (WSDL, 5 KB)	December 2006	HTTP download
<a href="#">WS-Federation XSD</a> (XSD, 17 KB)	December 2006	HTTP download
<a href="#">WS-authorization XSD</a> (XSD, 4 KB)	December 2006	HTTP download
<a href="#">WS-privacy XSD</a> (XSD, 4 KB)	December 2006	HTTP download
<a href="#">White paper: Understanding WS-Federation</a> (PDF, 1,231 KB)	May 2007	HTTP download

**You can still view the previous versions of this specification by clicking the following links:**

- [WS-Federation V1.0 previous version: July 2003, PDF](#)
- [WS-Federation V1.0 WSDL previous version: July 2003, WSDL](#)
- [WS-Federation V1.0 XSD previous version: July 2003, XSD](#)

### Resources

- [Federation in a Web services world](#) describes the issues around federated identity management and a comprehensive solution based on the Web services model as outlined in the WS-Security roadmap
- Read "[Security in a Web services World](#)" for a proposed strategy for addressing security within a Web service environment (developerWorks, April 2002).

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