

This chapter gives you an idea of all the latest standards related to web services.

Transports

BEEP, the Blocks Extensible Exchange Protocol *formerly referred to as BXXP*, is a framework for building application protocols. It has been standardized by IETF and it does for Internet protocols what XML has done for data.

- [Blocks Extensible Exchange Protocol BEEP](#)

Messaging

These messaging standards and specifications are intended to give a framework for exchanging information in a decentralized, distributed environment.

- [SOAP 1.1 Note](#)
- [SOAP 1.2 Specification](#)
- [Web Services Attachments Profile 1.0](#)
- [SOAP Message Transmission Optimization Mechanism](#)

Description and discovery

Web services are meaningful only if potential users may find information sufficient to permit their execution. The focus of these specifications and standards is the definition of a set of services supporting the description and discovery of businesses, organizations, and other web services providers; the web services they make available; and the technical interfaces which may be used to access those services.

- [UDDI 3.0](#)
- [WSDL 1.1 Note](#)
- [WSDL 1.2 Workingdraft](#)
- [WSDL 2.0 WorkingGroup](#)

Security

Using these security specifications, applications can engage in secure communication designed to work with the general web services framework.

- [Web Services Security 1.0](#)
- [Security Assertion Markup Language SAML](#)

Management

Web services manageability is defined as a set of capabilities for discovering the existence, availability, health, performance, usage, as well as the control and configuration of a web service within the web services architecture. As web services become pervasive and critical to business operations, the task of managing and implementing them is imperative to the success of business operations.

- [Web Services Distributed Management](#)