

WS-Policy 1.1

Overview of updates

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Overview

The set of WS-Policy 1.1 specifications (WS-PolicyFramework 1.1, WS-PolicyAssertions 1.1, and WS-PolicyAttachment 1.1) as of 28 May 2003 supersedes the set of WS-Policy 1.0 specifications as of 18 December 2002. This document outlines the major changes and clarifications.

Terminology and general clean-up

WS-Policy XML schema

It is now indicated that the XML schema for WS-Policy is available at <http://schemas.xmlsoap.org/ws/2002/12/policy>.

Terminology

The terms “policy”, “policy expression”, and “policy assertion” and their usage have been aligned.

Use of “policy statement”

The term “policy statement” has been replaced by “set of policy assertions”.

WS-SecurityPolicy

Most of the examples have been updated with concrete policy assertions that are specified in WS-SecurityPolicy.

WS-Policy

Policy assertion content

Policy operators (section 3.2.2) and policy references (section 4) are not allowed within policy assertions.

Removed inconsistent “wsp:Priority”

Replaced inconsistent “wsp:Priority” with “wsp:Preference” in policy operator example (section 3.3).

Consistency in policy hierarchy

Child elements must not contradict with parent elements in a policy expression (section 3.3).

WS-PolicyAttachment

Updated deployed endpoint reference mechanism

The EndpointReference element specified in WS-Addressing is used as a domain expression for attaching policy expressions to a deployed WSDL endpoint (sections 3.2 and 4.6).

Attaching policy to WSDL bindings

Added a section that defines the effective policy for wsdl:binding and its part elements.

Generalized policy attachment to UDDI

Policy expressions can be attached a) to any core UDDI entity and b) in both UDDI Version 2 and 3 (section 5).

Remote and local policy references in UDDI

Policy expressions are referenced either remotely (via the policy expression's URI) or locally (via the tModelKey of the tModel that represents the policy expression).