WS-Policy 1.1
Overview of updates

Author: Claus von Riegen, SAP AG (claus.von.riegen@sap.com)

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The term “policy statement” has been replaced by “set of policy assertions”.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