

Business Policy Modeling Language

Owner Link: <http://www.bpmi.org>

Document Link: <http://www.bpmi.org/bpmi-downloads/BPML1.0.zip>

Common Definitions of Policy

IETF

- A definite goal, course or method of action to guide and determine present and future decisions.

Ponder (Policy Research Group)

- A policy is a rule that defines a choice in the behavior of a system
- <http://www-dse.doc.ic.ac.uk/Research/policies/ponder.shtml>

WS-Policy (BEA, IBM, & SAP)

- Policy Statement – A policy statement is a group of policy assertions.
- Policy Assertion – A policy assertion represents an individual preference, requirement, capability or other property.

Autonomic Computing (working definition):

- A set of considerations designed to guide decisions on courses of actions

Policy Standards

IETF/DMTF: existing (IETF Policy Framework Definition Language)

- Structure of policy statements
 - PolicyRule, PolicyAction, PolicyCondition
- System structure
 - PEP, PDP, etc.

WS-Policy: emerging (BEA, Microsoft, IBM, & SAP)

Formal Name: Web Services Policy Framework

Document Link: <http://www.verisign.com/wss/WS-Policy.pdf>

Owning Body: May be in the process of being submitted to OASIS

- Guides interaction among Web Service requestors and services

WSLA

Formal Name: Web Service Level Agreement Language Specification

Author: IBM Research (T.J. Watson)

Owning Body: Specification may be in the process of being submitted to the Global Grid Forum (GGF)

Document Link:

<http://www.research.ibm.com/people/a/akeller/Data/WSLASpecV1-20030128.pdf>

- Service level agreement specification

Other Useful Resources

April 2003 “IBM developerworks” presentation on Policy-driven Computing

Author: David Kaminsky, IBM Corporation

e-mail: dlk@us.ibm.com

Presentation file is available from Ron Higgin. E-mail request to Ron_Higgin@bmc.com