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**Information technology — Web Services
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Binding Profile Version 1.0**

*Technologies de l'information — Interopérabilité des services
du Web — Profil de liaison SOAP simple WS-I, version 1.0*

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 29363 was prepared by the Web Services Interoperability Organization (WS-I) and was adopted, under the PAS procedure, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC.

In this corrected version of ISO/IEC 29363:2008, the full stop in the last paragraph of 2.3 has been moved from before "Appendix B" to the end of the sentence.

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Information technology — Web Services Interoperability — WS-I Simple SOAP Binding Profile Version 1.0

1 Scope and introduction

1.1 Scope

This International Standard defines the WS-I Simple SOAP Binding Profile 1.0 (hereafter, "Profile"), consisting of a set of non-proprietary Web services specifications, along with clarifications to and amplifications of those specifications which promote interoperability.

Section 1 introduces the Profile, and explains its relationships to other profiles.

Section 2, "Profile Conformance", explains what it means to be conformant to the Profile.

Each subsequent section addresses a component of the Profile, and consists of two parts: an overview detailing the component specifications and their extensibility points, followed by subsections that address individual parts of the component specifications. Note that there is no relationship between the section numbers in this International Standard and those in the referenced specifications.

1.2 Relationships to Other Profiles

This Profile is derived from those Basic Profile 1.0 requirements related to the serialization of the envelope and its representation in the message, incorporating any errata to date. These requirements have been factored out of the Basic Profile 1.1 to enable other Profiles to be composable with it.

A combined claim of conformance to both the Basic Profile 1.1 and the Simple SOAP Binding Profile 1.0 is roughly equivalent to a claim of conformance to the Basic Profile 1.0.

This Profile composed with the Basic Profile 1.1 supersedes the Basic Profile 1.0.

1.3 Notational Conventions

The keywords "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119](#).

Normative statements of requirements in the Profile (i.e., those impacting conformance, as outlined in "[Conformance Requirements](#)") are presented in the following manner:

Rnnnn *Statement text here.*

where "nnnn" is replaced by a number that is unique among the requirements in the Profile, thereby forming a unique requirement identifier.

Requirement identifiers can be considered to be namespace qualified, in such a way as to be compatible with QNames from [Namespaces in XML](#). If there is no explicit namespace prefix on a requirement's identifier (e.g., "R9999" as opposed to "bp10:R9999"), it should be interpreted as being in the namespace identified by the conformance URI of the document section it occurs in. If it is qualified, the prefix should be interpreted according to the namespace mappings in effect, as documented below.

Some requirements clarify the referenced specification(s), but do not place additional constraints upon implementations. For convenience, clarifications are annotated in the following manner: **c**

Some requirements are derived from ongoing standardization work on the referenced specification(s). For convenience, such forward-derived statements are annotated in the following manner: **xxxx**, where "xxxx" is an identifier for the specification (e.g., "WSDL20" for WSDL Version 2.0). Note that because such work was not complete when this document was published, the specification that the requirement is derived from may change; this information is included only as a convenience to implementers.

This specification uses a number of namespace prefixes throughout; their associated URIs are listed below. Note that the choice of any namespace prefix is arbitrary and not semantically significant.

- **wSDL** - "http://schemas.xmlsoap.org/wSDL/"
- **soapbind** - "http://schemas.xmlsoap.org/wSDL/soap/"
- **uddi** - "urn:uddi-org:api_v2"

1.4 Profile Identification and Versioning

This document is identified by a name (in this case, Simple SOAP Binding Profile) and a version number (here, 1.0). Together, they identify a particular *profile instance*.

Version numbers are composed of a major and minor portion, in the form "major.minor". They can be used to determine the precedence of a profile instance; a higher version number (considering both the major and minor components) indicates that an instance is more recent, and therefore supersedes earlier instances.