

# ISO/IEC 29362:2008-06 (E)

## Information technology\_ - Web Services Interoperability\_ - WS-I Attachments Profile Version\_1.0

---

### Contents

- Foreword ..... v
- 1 Scope and introduction ..... 1
  - 1.1 Scope ..... 1
  - 1.2 Relationship to other Profiles ..... 1
  - 1.3 Notational Conventions ..... 1
  - 1.4 Profile Identification and Versioning ..... 3
- 2 Profile Conformance ..... 3
  - 2.1 Conformance Requirements ..... 3
  - 2.2 Conformance Targets ..... 4
  - 2.3 Conformance Scope ..... 5
  - 2.4 Claiming Conformance ..... 5
- 3 Attachments Packaging ..... 6
  - 3.1 Root Part ..... 6
  - 3.2 Encoding of Root Part ..... 7
  - 3.3 Media Type of Message ..... 7
  - 3.4 Messages with No Attachments ..... 7
  - 3.5 Dereferencing Attachments ..... 9
  - 3.6 Carrying Additional SOAP Envelopes ..... 9
  - 3.7 Fault Messages with Attachments ..... 9
  - 3.8 Value-space of Content-Id Header ..... 9
  - 3.9 Ordering of MIME Parts ..... 10
  - 3.10 Position of Root Part ..... 11
  - 3.11 Content-Transfer-Encoding ..... 11

3.12 MIME Boundary String.....	12
4 Attachments Description .....	12
4.1 Use of MIME Binding Extension .....	12
4.2 Unbound portType Element Contents.....	13
4.3 Referencing Message Parts.....	13
4.4 Referencing Attachments from the SOAP Envelope.....	14
4.5 Specifying Root Part .....	18
4.6 Specifying SOAP Headers in Root Part.....	19
4.7 MIME Binding Schema Fixes.....	20
4.8 Specifying Alternate Media Types .....	20
4.9 WSDL Parts .....	21
4.10 Ordering of Parts .....	21
4.11 Sending Fault Messages .....	22
4.12 Describing Faults .....	22
4.13 Sending Additional Parts Not Described in WSDL.....	22
4.14 Conformance of SOAP Messages .....	22
4.15 Example Attachment Description Using mime:content .....	22
4.16 Example Attachment Description Using swaRef.....	25
Appendix A: Referenced Specifications.....	27
Appendix B: Extensibility Points.....	28
Appendix C: Normative References.....	29
Appendix D: Defined Terms.....	30
Appendix E: Acknowledgements .....	31