XEP-0270: XMPP Compliance Suites 2010

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Status	Type	Short Name
Draft	Standards Track	N/A

This document defines XMPP protocol compliance levels for 2010.

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Contents

1 Introduction

The XMPP Standards Foundation (XSF) [1] defines protocol suites for the purpose of compliance testing and software certification. This document specifies the 2010 compliance levels for XMPP clients and servers. Unless qualified where explicitly noted, support for the listed specifications is REQUIRED for compliance purposes.

2 Compliance Levels

Spec

RFC 3920 RFC 3920: Extensible Messaging and Presence Protocol (XMPP): Core <http://tools.ietf.org/html/rfc392
RFC 3921 RFC 3921: Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence <http:/
Service Discovery XEP-0030: Service Discovery <http://xmpp.org/extensions/xep-0030.html>.
Entity Capabilities XEP-0115: Entity Capabilities <http://xmpp.org/extensions/xep-0115.html>.
Jabber Component Protocol XEP-0114: Jabber Component Protocol <http://xmpp.org/extensions/xep-0114.htm
Privacy Lists XEP-0016: Privacy Lists <http://xmpp.org/extensions/xep-0016.html>.
Simple Communications Blocking XEP-0191: Simple Communications Blocking <http://xmpp.org/extensions/xe
BOSH XEP-0124: Bidirectional-streams Over Synchronous HTTP <http://xmpp.org/extensions/xep-0124.html>.

XMPP Over BOSH XEP-0206: XMPP Over BOSH <http://xmpp.org/extensions/xep-0206.html>.

vcard-temp XEP-0054: vcard-temp <http://xmpp.org/extensions/xep-0054.html>.
Personal Eventing Protocol XEP-0163: Personal Eventing Protocol <http://xmpp.org/extensions/xep-0163.html>
Multi-User Chat XEP-0045: Multi-User Chat <http://xmpp.org/extensions/xep-0045.html>.

Chat State Notifications XEP-0085: Chat State Notifications <http://xmpp.org/extensions/xep-0085.html>.

* RFC 3920 and RFC 3921 are currently being revised to correct errors, clarify matters that were underspecified, and incorporate feedback based on implementation and deployment experience gained since RFC 3920 and RFC 3921 were published in 2004. Although the compliance level specified herein refers to RFC 3920 and RFC 3921, developers are also advised to consult rfc3920bis [2] and rfc3921bis [3], which provide the most up-to-date and accurate description the core XMPP protocols.
* Support can be enabled via an external component or an internal server module/plugin.
** Support for the Entity Use Cases and Occupant Use Cases is REQUIRED; support for the

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[1] The XMPP Standards Foundation (XSF) is an independent, non-profit membership organization that develops open extensions to the IETF's Extensible Messaging and Presence Protocol (XMPP). For further information, see <http://xmpp.org/xsf/>.

[2] rfc3920bis: proposed revisions to Extensible Messaging and Presence Protocol (XMPP): Core <http://tools.ietf.org/html/draft-ietf-xmpp-3920bis>. (work in progress)

[3] rfc3921bis: proposed revisions to Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence <http://tools.ietf.org/html/draft-ietf-xmpp-3921bis>. (work in progress)

remaining use cases is RECOMMENDED.

3 Implementation Notes

Some of the protocol specifications referenced herein have their own dependencies; developers need to consult the relevant specifications for further information.
Developers are advised to refer to Best Practices for Use of SASL EXTERNAL [4] regarding proper implementation of the SASL EXTERNAL mechanism in XMPP.

4 Security Considerations

This document introduces no additional security considerations above and beyond those defined in the documents on which it depends.

5 IANA Considerations

This document requires no interaction with the Internet Assigned Numbers Authority (IANA) [5].

6 XMPP Registrar Considerations

This document requires no interaction with the XMPP Registrar [6].

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[4]XEP-0178: Best Practices for Use of SASL EXTERNAL <http://xmpp.org/extensions/xep-0178.html>.

[5]The Internet Assigned Numbers Authority (IANA) is the central coordinator for the assignment of unique parameter values for Internet protocols, such as port numbers and URI schemes. For further information, see <http://www.iana.org/>.

[6]The XMPP Registrar maintains a list of reserved protocol namespaces as well as registries of parameters used in the context of XMPP extension protocols approved by the XMPP Standards Foundation. For further information, see <http://xmpp.org/registrar/>.