XEP-0243: XMPP Server Compliance 2009

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Status	Type	Short Name
Obsolete	Standards Track	N/A

This document defines XMPP server compliance levels for 2009.

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This XMPP Extension Protocol has been contributed in full conformance with the XSF's Intellectual Property Rights Policy (a copy of which can be found at <https://xmpp.org/about/xsf/ipr-policy> or obtained by writing to XMPP Standards Foundation, P.O. Box 787, Parker, CO 80134 USA).

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 2009 compliance levels for XMPP servers. Support for the listed specifications is REQUIRED for compliance purposes.

2   XMPP Core Server 2009

The XMPP Core Server 2009 certification level is defined below. Support for these specifications is REQUIRED for compliance purposes.

- RFC 3920 [2]

- RFC 3921 [3]

- Service Discovery (XEP-0030) [4]

3   XMPP Advanced Server 2009

The XMPP Advanced Server 2009 certification level is defined as follows:

- XMPP Core Server 2009 (see above)

- Privacy Lists (XEP-0016) [5] and Blocking Command (XEP-0191) [6]

- Multi-User Chat (XEP-0045) [7] (support may be enabled via an external component or an internal server module/plugin)

- vcard-temp (XEP-0054) [8]

- BOSH (XEP-0124) [9] and XMPP Over BOSH (XEP-0206) [10] (support may be enabled via an external component or an internal server module/plugin)

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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 <https://xmpp.org/about/xmpp-standards-foundation>.

[2] RFC 3920: Extensible Messaging and Presence Protocol (XMPP): Core <http://tools.ietf.org/html/rfc3920>.

[3] RFC 3921: Extensible Messaging and Presence Protocol (XMPP): Instant Messaging and Presence <http://tools.ietf.org/html/rfc3921>.

[4] XEP-0030: Service Discovery <https://xmpp.org/extensions/xep-0030.html>.

[5] XEP-0016: Privacy Lists <https://xmpp.org/extensions/xep-0016.html>.

[6] XEP-0191: Blocking Command <https://xmpp.org/extensions/xep-0191.html>.

[7] XEP-0045: Multi-User Chat <https://xmpp.org/extensions/xep-0045.html>.

[8] XEP-0054: vcard-temp <https://xmpp.org/extensions/xep-0054.html>.

[9] XEP-0124: Bidirectional-streams Over Synchronous HTTP <https://xmpp.org/extensions/xep-0124.html>.

[10] XEP-0206: XMPP Over BOSH <https://xmpp.org/extensions/xep-0206.html>.

- Personal Eventing Protocol (XEP-0163) [11]

4   Implementation Notes

Some of the protocol specifications referenced herein have their own dependencies; developers must refer to the relevant specifications for further information.

Developers are advised to refer to Best Practices for Use of SASL EXTERNAL (XEP-0178) [12] regarding proper implementation of the SASL EXTERNAL mechanism in XMPP.

5   Security Considerations

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

6   IANA Considerations

This document requires no interaction with the Internet Assigned Numbers Authority (IANA) [13].

7   XMPP Registrar Considerations

This document requires no interaction with the XMPP Registrar [14].

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[11] XEP-0163: Personal Eventing Protocol <https://xmpp.org/extensions/xep-0163.html>.

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

[13] 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/>.

[14] 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 <https://xmpp.org/registrar/>.