

XEP-0243: XMPP Server Compliance 2009

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This document defines XMPP server compliance levels for 2009.

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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 3920²
- RFC 3921³
- 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)
- \bullet 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)

¹The 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.

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

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

⁴XEP-0030: Service Discovery https://xmpp.org/extensions/xep-0030.html.

⁵XEP-0016: Privacy Lists https://xmpp.org/extensions/xep-0016.html.

⁶XEP-0191: Blocking Command https://xmpp.org/extensions/xep-0191.html.

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

⁸XEP-0054: vcard-temp https://xmpp.org/extensions/xep-0054.html.

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

¹⁰XEP-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)

7 XMPP Registrar Considerations

This document requires no interaction with the XMPP Registrar ¹⁴.

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

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

¹³The 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/>.