

[MS-STANOIMAP]: RFC 3501 - Outlook IMAP Standards Compliance

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Revision Summary			
Author	Date	Version	Comments
Microsoft Corporation	October 1, 2008	1.0	Initial Release.
Microsoft Corporation	December 3, 2008	1.01	Updated IP notice.
Microsoft Corporation	April 10, 2009	2.0	Updated technical content and applicable product releases.

Product: Microsoft Office Outlook 2007, Microsoft Outlook 2010

Component: IMAP4 Service

Standard: [RFC3501], [RFC4315]

1 Overview

This document specifies the level of support provided by the Outlook IMAP4 service component for the Internet Message Access Protocol Version 4 (IMAP4). The Outlook IMAP4 service component is the Outlook implementation of IMAP4, which is used by a client to access and manipulate electronic mailboxes on a server in a way that is functionally equivalent to local folders.

2 Support Details

The use of the words “Required,” “Recommended,” and “Optional” in the titles of the sections below are to be interpreted as described in [RFC2119].

2.1 *Required Portions*

2.1.1 [RFC3501] Required Portions

The Outlook IMAP4 service component adheres to all of the required portions of [RFC3501] with no deviations.

2.1.2 [RFC4315] Required Portions

No portions of [RFC4315] are required to be implemented by the client.

2.2 *Recommended Portions*

2.2.1 [RFC3501] Recommended Portions

The Outlook implementation of the recommended portions of [RFC3501] does not affect interoperability.

2.2.2 [RFC4315] Recommended Portions

No portions of [RFC4315] are recommended to be implemented by the client.

2.3 *Optional Portions*

2.3.1 [RFC3501] Optional Portions

The Outlook implementation of the optional portions of [RFC3501] may affect interoperability. The behavior is specified in the following subsections.

2.3.1.1 RFC Section: 2.3.1.1. Unique Identifier (UID) Message Attribute

Outlook ignores the next unique identifier value.

2.3.1.2 RFC Section: 2.3.2. Flags Message Attribute

Outlook ignores the \Recent flag.

Outlook does not create any new keywords in a mailbox.

2.3.1.3 RFC Section: 2.3.3. Internal Date Message Attribute

Outlook uses the date of the MIME header instead of the internal date.

2.3.1.4 RFC Section: 5.1. Mailbox Naming

Outlook uses the hierarchy separator from the first **LIST** response and ignores hierarchy separators that are present in subsequent **LIST** responses. In other words, Outlook allows one hierarchy separator per store.

2.3.1.5 RFC Section: 6.2.2. AUTHENTICATE Command

Outlook tries other authentication mechanisms if an **AUTHENTICATE** command fails with a **NO** response.

2.3.1.6 RFC Section: 6.3.1. SELECT Command

Outlook ignores the untagged responses **UNSEEN** and **UIDNEXT**.

2.3.1.7 RFC Section: 6.3.2. EXAMINE Command

Outlook does not use this command.

2.3.1.8 RFC Section: 6.4.1. CHECK Command

Outlook does not use this command.

2.3.1.9 RFC Section: 6.4.4. SEARCH Command

Outlook does not use this command.

2.3.1.10 RFC Section: 6.4.5. FETCH Command

Outlook never does a partial fetch.

Outlook fetches only the following data items:

- **UID**
- **FLAGS**
- **RFC822.SIZE**

- Either **RFC822.HEADER** or **BODY.PEEK[HEADER]**
- Either **RFC822** or **BODY[]**

2.3.1.11 RFC Section: 6.4.8. UID Command

Outlook does not use **UID SEARCH**.

2.3.1.12 RFC Section: 6.5.1. X<atom> Command

Outlook does not use this command.

2.3.1.13 RFC Section: 7.1. Server Responses – Status Responses

Outlook ignores the following status response codes: **READ-ONLY**, **READ-WRITE**, **TRYCREATE**, **UIDNEXT**, and **UNSEEN**.

2.3.1.14 RFC Section: 7.1.2. NO Response

Outlook does not display the human-readable text message that is contained in the untagged **NO** response.

2.3.1.15 RFC Section: 7.2.6. FLAGS Response

Outlook recognizes only the system flags.

2.3.1.16 RFC Section: 7.4.2. FETCH Response

If the server returns data that Outlook did not request, then Outlook does not support the handling of this data.

2.3.2 [RFC4315] Optional Portions

The Outlook implementation of the optional portions of [RFC4315] does not affect interoperability.

3 Extensions

The Outlook IMAP4 service component implements extensions to [RFC3501] and [RFC4315], as specified in [MS-OXIMAP4].

4 Related Standards

[MS-OXIMAP4] Microsoft Corporation, "Internet Message Access Protocol Version 4 (IMAP4) Extensions Specification", June 2008.

[RFC3501] Crispin, M., "Internet Message Access Protocol – Version 4rev1", RFC 3501, March 2003, <http://www.ietf.org/rfc/rfc3501.txt>.

[RFC4315] Crispin, M., "Internet Message Access Protocol (IMAP) – UIDPLUS extension", RFC 4315, December 2005, <http://www.ietf.org/rfc/rfc4315.txt>.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <http://www.ietf.org/rfc/rfc2119.txt>.