

EMAIL OPTIONS IN "WINDOWS 8"

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EXECUTIVE SUMMARY

"Windows 8.." provides both a new "Start" screen and the legacy "Desktop". In each of these user interfaces, you can access your existing email accounts by means of Web browsers and client software programs.

TOPICS

- Protocols for sending email
- Protocols for receiving email
- "Webmail" in Windows 8's "Desktop Internet Explorer 10"
- "Webmail" in Windows 8's "Start"-screen Internet Explorer 10"
- "Mail" app in Windows 8's "Start" screen
- Desktop email client programs in "Windows 8"

PROTOCOLS FOR SENDING EMAIL

- Simple Mail Transfer Protocol(SMTP)
- Messaging Application Programming Interface (MAPI)
(for sending and receiving email messages with a Microsoft "Exchange Server")
- Exchange ActiveSync (EAS)
(for sending and receiving email messages with a Microsoft "Exchange Server")

PROTOCOLS FOR RECEIVING EMAIL

- Post Office Protocol 3 (POP3)
- Internet Message Access Protocol (IMAP)
- Messaging Application Programming Interface (MAPI)
(to send and receive email messages with a Microsoft "Exchange Server")
- Exchange ActiveSync (EAS)
(to send and receive email messages with a Microsoft "Exchange Server")

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PROTOCOLS FOR RECEIVING EMAIL

- Details of "Post Office Protocol 3" (POP3):
Storage location for received email messages defaults to the end-user's computer.

PROTOCOLS FOR RECEIVING EMAIL

- Details of "Post Office Protocol 3" (POP3):
Desktop client program is configured to either
"Leave email messages on the server after downloading"
or
"Delete email messages on the server after downloading."

PROTOCOLS FOR RECEIVING EMAIL

- Details of "POP3" (continued):

Windows 8's "Start" screen "Mail" app does not support the "POP3" email (receiving) protocol.

PROTOCOLS FOR RECEIVING EMAIL

- Details of "IMAP":
Storage location for received email messages defaults to the server farm.
This makes IMAP-based email systems more expensive to operate relative to POP3-based ones.

PROTOCOLS FOR RECEIVING EMAIL

- Details of "IMAP" (continued):
Received email messages are synchronized between the server farm and ALL computers, tablets, and cell phones that are configured to receive email.

PROTOCOLS FOR RECEIVING EMAIL

- Details of "IMAP" (continued):
When you delete a received e-mail message from any single device, it is automatically deleted from all other computers, tablets, and cell phones that are configured to receive email from your email provider.

PROTOCOLS FOR RECEIVING EMAIL

- Details of "IMAP" (continued):

Windows 8's "Start" screen "Mail" app supports the "IMAP" email protocol.

WHICH EMAIL SYSTEM SUPPORTS WHICH PROTOCOL?

- See <http://en.kioskea.net/faq/9166-smtp-imap-and-pop-server-settings-for-major-ips>
- Every email provider on this list provides "SMTP" for sending email
- Some email providers on this list only allow "POP3" for receiving email
- Some email providers allow both "POP3" and "IMAP"

WHICH EMAIL SYSTEM SUPPORTS WHICH PROTOCOL?

- Many popular email services are "POP3" only for email downloads:
Netzero Mail Free
Juno Mail Free
Comcast's "Xfinity" Mail
Cox Mail
CenturyLink Mail
Hotmail/Live Mail
etc.

WHICH EMAIL SYSTEM SUPPORTS WHICH PROTOCOL?

- The free version of "Yahoo Mail" is officially only allows "POP3" downloads: However, the non-free version of "Yahoo Mail" allows "POP3" downloads AND both the free and non-free versions of "Yahoo Mail" apparently allow downloads from a server at `imap.mail.yahoo.com:993`

WHICH EMAIL SYSTEM SUPPORTS WHICH PROTOCOL?

- To get
imap.mail.yahoo.com:993
to work for your "Yahoo Mail"
account, see
[http://en.wikipedia.org/wiki/Yahoo!
!_Mail#Free_IMAP_and_SMTPs
access](http://en.wikipedia.org/wiki/Yahoo!_Mail#Free_IMAP_and_SMTPs_access)

WHICH EMAIL SYSTEM SUPPORTS WHICH PROTOCOL?

- One workaround for the "Mail" app's lack of POP3 support is to configure your account at "Hotmail.com"/"Outlook.com" or "Gmail" to download and display POP3 email messages from email systems that can only communicate in that manner or use "Start" screen Internet Explorer 10.

"WEBMAIL" TO AVOID DEALING WITH EMAIL PROTOCOLS

- "Webmail" = "Web-based email"
- When you use a Web browser such as Internet Explorer or Firefox to access your email, you do not have to deal with email protocols because the Web servers of the email provider handle them for you.

"WEBMAIL" TO AVOID DEALING WITH EMAIL PROTOCOLS

- "Webmail" means you use your local Web browser to communicate with a Web server at a remote server farm
- This Web server acts as an interface to the SMTP email server when you send email
- This Web server acts as an interface to the POP3 or IMAP email server when you send email.

"WEBMAIL" TO AVOID DEALING WITH EMAIL PROTOCOLS

- When you use "Webmail", your Web browser is communicating with three servers at a remote server farm:
 - a Web server
 - a SMTP email server for sending email
 - and
 - a POP3 email server or an IMAP email server for receiving email.

"WEBMAIL" IN "START" SCREEN WEB BROWSERS IN "WINDOWS 8"

- "Desktop Internet Explorer 10"
- "Mozilla Firefox"
- "Google Chrome"

"WEBMAIL" IN "START" SCREEN WEB BROWSERS IN "WINDOWS 8"

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"WEBMAIL" IN DESKTOP WEB BROWSERS IN "WINDOWS 8"

- "Desktop Internet Explorer 10"
- "Mozilla Firefox"
- "Google Chrome"

"WEBMAIL" IN "START" SCREEN WEB BROWSERS IN "WINDOWS 8"

- "Start" screen Internet Explorer 10"
- Other "Start" screen Web browsers are expected soon. You will be able to download them at "Store" ("Windows Store")

"MAIL" APP IN THE "START" SCREEN OF "WINDOWS 8"

- No support for POP3 protocol for receiving email
- Support for IMAP protocols for receiving email
- No support for MAPI protocol for sending and receiving email
- Support for Exchange ActiveSync (EAS) protocol for sending and receiving email through an "Exchange Server"

DESKTOP EMAIL CLIENT PROGRAMS IN "WINDOWS 8"

- **"Microsoft Outlook.."**
(Part of "Microsoft Office.."--not free)
- "Mozilla Thunderbird"
(Free)
- **"Microsoft Live Mail"**
(Part of "Windows Live Essentials"
= "Windows Essentials"--Free)