

How to set up your own email server on Windows PC

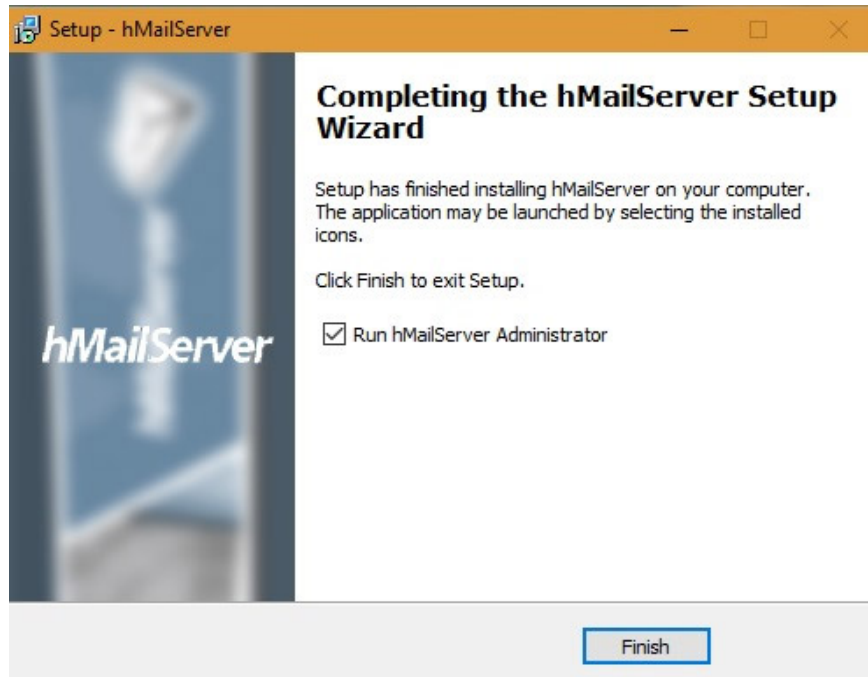
Today, almost all popular web-mail providers, including Gmail, Yahoo and Outlook, regularly scan users' email, which is big data. So should lovers and privacy promotion surrender to the power of big data companies?

Today, almost all popular web-mail providers, including Gmail, Yahoo and Outlook, regularly scan email of users to gather information, which is big data. So should lovers and privacy promotion surrender to the power of big data companies? Absolutely not when there are many options we can use to replace the services of popular web-mail providers. If you're willing to learn how to set up a basic email server, you'll be amazed at the level of security and privacy that email can bring us.

This article will show you how to store your personal email server right in your Windows PC.

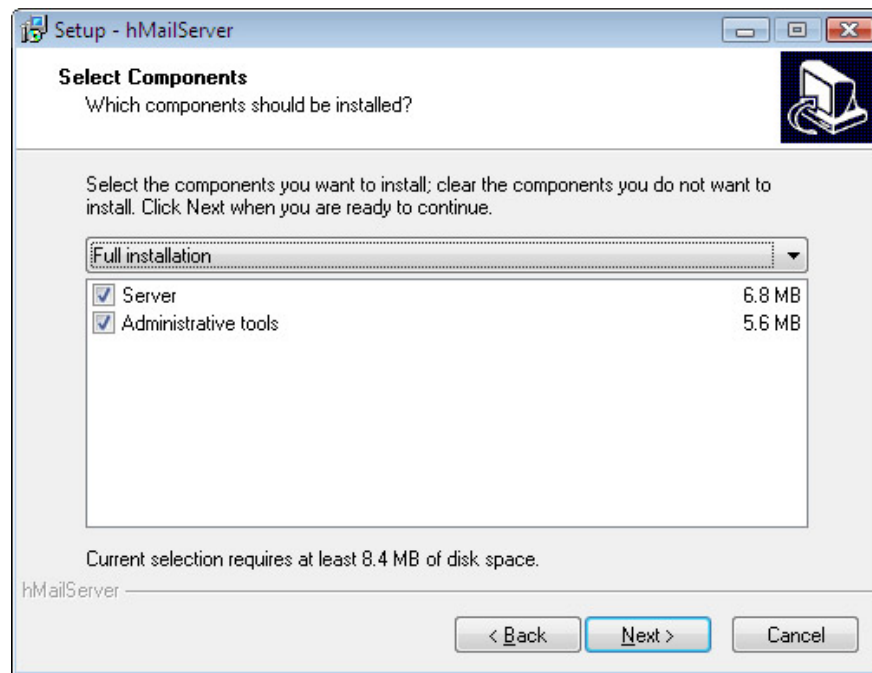
hMailServer

hMailServer is one of the best free and open source email servers for Windows users. In fact, it is often used by ISPs, Governments, educational institutions and many others. This application will come with integrated spam control developed by SpamAssassin and support quick and easy download and installation.

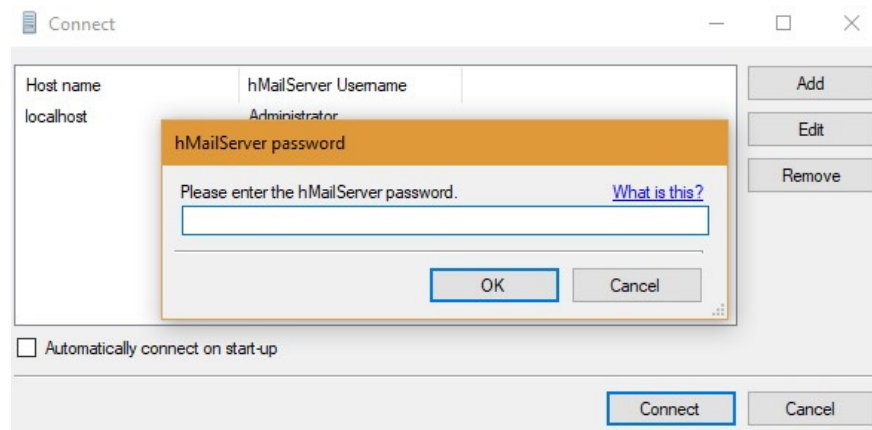


Download hMailServer

After you've successfully downloaded hMailServer, run the installer. In the screen below, check the **Server** section if you want your local computer to act as a server. If you set up a server elsewhere, just select **Administrative tools** to conduct remote server management.



You will also have to set a password during installation. Write or save the password somewhere because you will need it every time you launch the application.



When the control panel opens, enter the domain name of the new website (with SMTP enabled from the hosting provider). After creating the domain, set up the protocol, you can create the protocol followed by SMTP. Here, you must set the local host name to **localhost**.

SMTP

General Delivery of e-mail Statistics RFC compliance Advanced

Delivery of e-mail

Number of retries: Minutes between every retry:

Local host name:

SMTP Relay

Remote host name: Remote TCP/IP port:

Server requires authentication

User name:

Password:

Connection security:

Finally, click on **Accounts**. Here, you can create an email address that you need to access first to its top-level domain name and DNS settings. Basically, every time you send an email, that email will first be saved in hMailServer and then forwarded to the DNS IP address.

You can easily install DNS from any domain control panel that has been purchased. You will have to update the mail exchange (MX) records for the domain name. The exact procedure for updating MX records will vary depending on the domain name.

hMailServer Administrator - [localhost]

File Help

Welcome Status Domains Accounts Aliases Distribution lists Rules Settings Protocols SMTP Routes POP3 IMAP Anti-spam DNS blacklists SURBL servers Greylisting White listing Anti-virus Logging Advanced Utilities

General Auto-reply Forwarding Signature External accounts Rules Active Directory Advanced

Address:

Password:

Size (MB): Maximum size (MB):

Administration level:

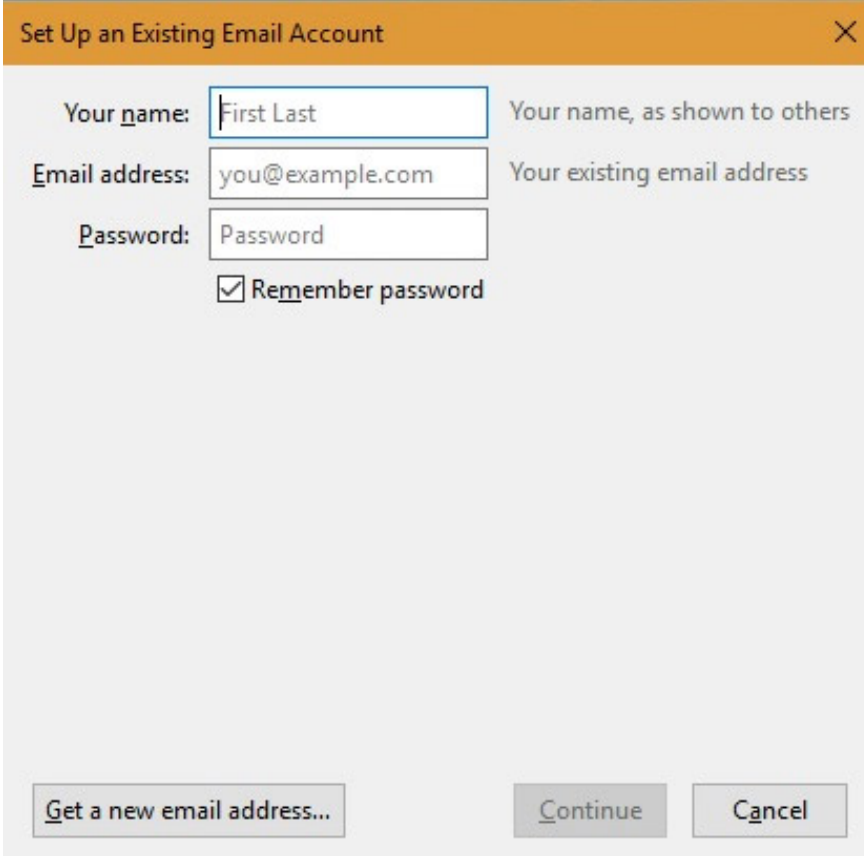
Last logon time:

Enabled

You can also enable options to automatically answer, forward, record, DNS blacklist and more in hMailServer. Once your email server has been set up successfully, you will need a client like Thunderbird or Outlook Express to read and write those emails.

Set up an email storage server using the Thunderbird Client application

First, download and install Mozilla Thunderbird. Then you must immediately set up an email account. Use the same email ID and password you often use with easy-to-remember web hosting providers.



Set Up an Existing Email Account

Your name: First Last Your name, as shown to others

Email address: you@example.com Your existing email address

Password: Password

Remember password

Get a new email address... Continue Cancel

After setting up the account, to the next screen, you will have to select **Manual Config** to adjust your Thunderbird client settings.

Set Up an Existing Email Account

Your name: Tom Your name, as shown to others

Email address: tusu@... .com Your existing email address

Password: ●●●●●●●●

Remember password

Looking up configuration: Trying common server names

Get a new email address... Manual config Stop Continue Cancel

In this step, you must set up your current email account. The host name (hostname) must be localhost, just like you have previously set the same settings on hMailServer. According to hMailServer's instructions, use port **143** for **IMAP** port, port **993** for **IMAP** via **SSL / TLS** and select **465** or **587** **SMTP** ports.

Set Up an Existing Email Account

Your name: Tom Your name, as shown to others

Email address: tusu@... .com Your existing email address

Password: ●●●●●●●●

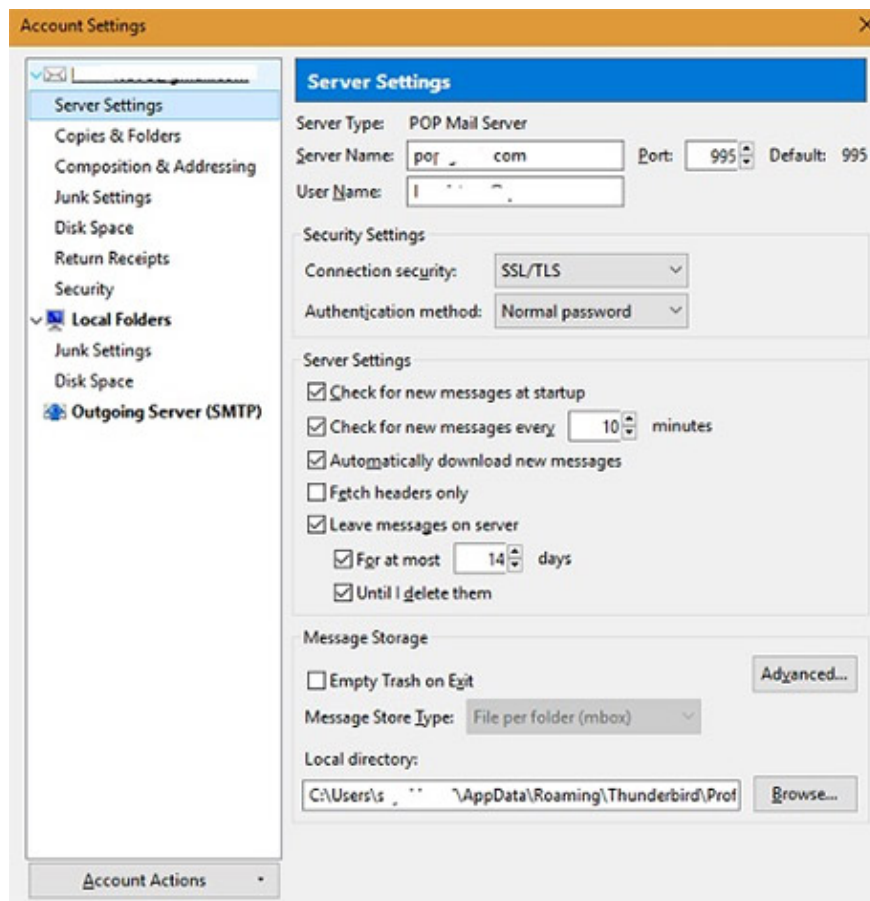
Remember password

	Server hostname	Port	SSL	Authentication
Incoming: IMAP	localhost	993	SSL/TLS	Autodetect
Outgoing: SMTP	localhost	465	SSL/TLS	Autodetect

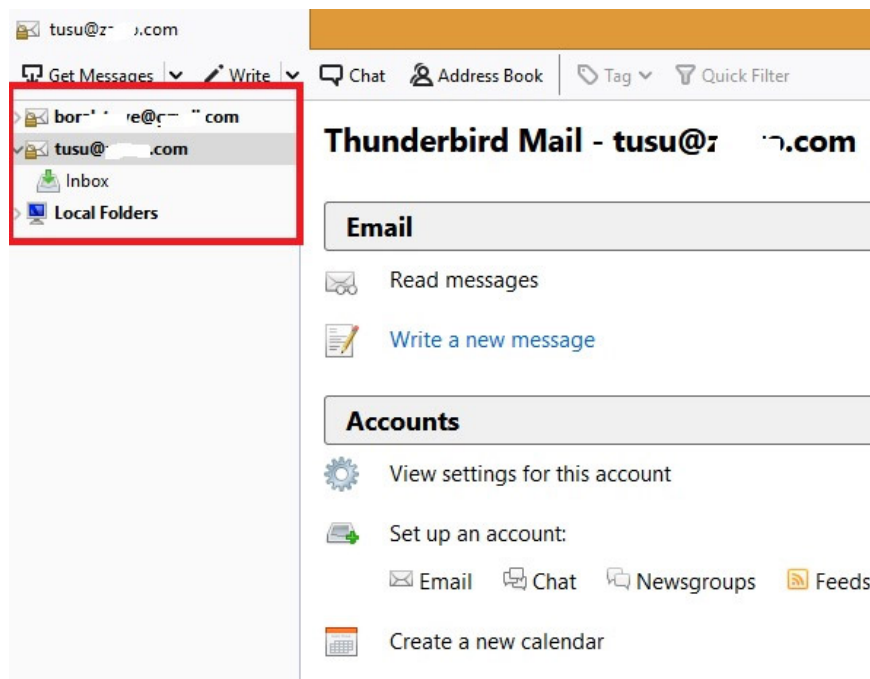
Username: Incoming: t Outgoing: t

Get a new email address... Advanced config Re-test Done Cancel

In addition, you can also change server settings from Thunderbird account. Once the email address has been configured with the client, you can easily start using your new web host email service.



You can use Thunderbird email application to run as many private email as hMailServer is possible. The email server is set up and running according to the configuration with the original email.



There is another interesting option if you want a webmail facility to work with your new email server to access email on the go. SquirrelMail is one of the popular web-mail applications favored by IT administrators. It has a file-based configuration system (based on Perl). You can refer to the publisher's instructions for more details. In case you cannot run the configuration, you can change the values for hMailServer manually.

Conclude

Hosting an email server yourself requires some definite safeguards and maintenance. First of all, it is very important that your domain name and server IP are strong enough. You must regularly monitor whether your server IP is in some public blacklist. Sometimes, the blacklisted web service providers of Gmail come from a specific server IP address due to incorrect DNS settings.

What do you think about using personal email server? Please leave a comment below!

See more:

1. How to manage email in Google Inbox from the desktop
2. Instructions to create Group, Email group in Gmail
3. 21 Gmail tips on the new interface you should know
4. Instructions for adding Gmail accounts to Outlook 2013 and 2016 using IMAP

You finished reading the article "**How to set up your own email server on Windows PC**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.