

Microsoft Windows 8.1 Thunderbird Lightning Enigmail Configuration

These screen shots show the configuration of Mozilla Thunderbird Lightning Enigmail on Windows 8.1. PGP4Win is installed on the system. This program makes using encryption in Thunderbird easier.

The presentation does not show every step in the setup wizard. Instead, the presentation shows some recommendations to select in the Enigmail setup wizard. The presentation also shows some configuration options that work well in Moorhead.

Operation System: Microsoft Windows 8.1

Software: Thunderbird 38.1.0

Software: Lightning 4.0.1.2

Software: PGP4Win 2.2.5

Software: Enigmail 1.8.2

Preuss

7/31/2015

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- Google Chrome
- Mozilla Firefox
- Mozilla Thunderbird

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Enigmail Setup Wizard

Welcome to the Enigmail Setup Wizard

It looks like you started Enigmail for the first time on this computer. In order to use Enigmail, you need to first set it up properly. This assistant can guide you through the setup process.

Do you want to set up Enigmail now, or do you wish to do this later?

Start setup now
 Configure Enigmail later

The presentation allows the Enigmail setup wizard to run. The presentation selects 'Next' to continue.

< Back Next > Cancel

Events

29 Wed
Jul 2015 CW 31

New Event

- Today
- Tomorrow
- Upcoming (5 days)

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Search all add-ons

Get Add-on

Extensions

Appearance

Plugins

Events

29 Wed Jul 2015 CW 31

New Event

Today

Tomorrow

Upcoming (5 days)

Today Pane

Enigmail Setup Wizard

How would you like to Configure Enigmail?

Would you like to setup Enigmail manually, or do you need assistance in the setup process?

- I prefer a standard configuration (recommended for beginners)
- I prefer an extended configuration (recommended for advanced users)
- I prefer a manual configuration (recommended for experts)

The presentation selects extended configuration option. The presentation selects 'Next' to continue.

< Back Next > Cancel

- This PC
- Recycle Bin
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- Mozilla Thunderbird

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Events 29 Wed Jul 2015 CW 31

Get Add-on

Extensions

Appearance

Plugins

Enigmail Setup Wizard

Create or Import OpenPGP Keys

You don't seem to have any OpenPGP keys yet. Would you like to create a new key, or do you want to import keys from a file?

I want to create a new key pair for signing and encrypting my email
 I have existing public and private keys that I would like to import

The presentation does not have a public/private key. The presentation selects 'I want to create a new key pair for signing and encrypting my email'.

The presentation selects 'Next' to continue.

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Enigmail Setup Wizard

Key Creation

Your key is now being generated

Key Generation Console

NOTE: Key generation may take up to several minutes to complete. Do not exit the application while key generation is in progress. Actively browsing or performing disk-intensive operations during key generation will replenish the 'randomness pool' and speed-up the process. You will be alerted when key generation is completed.

Enigmail Alert

The revocation certificate has been successfully created. You can use it to invalidate your public key, e.g. in case you would lose your secret key.

Please transfer it to a medium which can be stored away safely such as a CD or USB stick. If somebody gains access to this certificate they can use it to render your key unusable.

OK

< Back Next > Cancel

The presentation created a public/private key pair. The wizard gave the presentation an opportunity to create a revocation certificate. The presentation created the revocation certificate. The presentation selects 'OK'.

The presentation selects 'Next' to continue.

Events

29 Wed
Jul 2015 CW 31

New Event

- Today
- Tomorrow
- Upcoming (5 days)

Today Pane

Inbox

File Edit View Go Message Events and Tasks **Enigmail** Tools Help

Get Messages Write Chat

tim.preuss02@gmail.com

Inbox [Gmail] Drafts Sent Mail

Quick Filter Search... <Ctrl+K>

Filter these messages... <Ctrl+Shift+K>

From	Date
Gmail Team	7/6/2015 7:22 AM
Gmail Team	7/6/2015 7:22 AM
Gmail Team	7/6/2015 7:22 AM
YouTube	7/6/2015 3:30 PM

Events

29 Wed Jul 2015 CW 31

New Event

Today

Tomorrow

Upcoming (5 days)

Unread: 0 Total: 4 Today Pane

- Setup Wizard
- Key Management
- Edit Per-Recipient Rules
- Preferences
- Help
- About Enigmail

The wizard is done. The presentation will make Preference changes. The presentation selects 'Preferences' to continue.

Enigmail Preferences

- Basic
- Sending**
- Key Selection
- Advanced
- Keyserver

General Preferences for Sending

- Convenient encryption settings
- Manual encryption settings

Help

Encrypt/sign replies to encrypted/signed messages

Automatically send encrypted

- Never
- If possible

To send encrypted, accept

- Only trusted keys
- All usable keys

Confirm before sending

- Never
- Always
- If encrypted
- If unencrypted
- If rules changed the default encryption setting

See also account specific Enigmail settings (see Account Settings -> OpenPGP Security)

OK Cancel

The presentation sets the options in 'Sending' as shown on the screen.

The presentation selects the 'OK' button.

The presentation selects the 'Keyserver' tab.

Quick Filter Search... <Ctrl+K>

Filter these messages... <Ctrl+Shift+K>

From	Date
	6/2015 7:22 AM
	5/2015 7:22 AM
	5/2015 7:22 AM
	5/2015 3:30 PM

Events

29 Wed Jul 2015 CW 31

New Event

- Today
- Tomorrow
- Upcoming (5 days)

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Enigmail Preferences

Basic | Sending | Key Selection | Advanced | **Keyserver**

Specify your keyserver(s):

sweden.minnesota.edu, pool.sks-keyservers.net, keys.gnupg.net, pgp.mit.edu

Example: sks.dnsalias.net, pgp.mit.edu, ldap://certserver.pgp.com

Automatically download keys for signature verification from the following keyserver:

sweden.minnesota.edu

OK

Cancel

Quick Filter Search... <Ctrl+K>

Filter these messages... <Ctrl+Shift+K>

From	Date
Gmail Team	7/6/2015 7:22 AM
Gmail Team	7/6/2015 7:22 AM
	7/6/2015 7:22 AM
	7/6/2015 3:30 PM

Events

29 Wed Jul 2015 CW 31

New Event

- Today
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- Upcoming (5 days)

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The presentation sets the 'Keyserver' page as shown.

Sweden.minnesota.edu keyserver serves MnSCU Moorhead students as a practice keyserver. All keys are erased from Sweden.minnesota.edu after each semester.

The presentation selects the 'OK' button to continue.

Inbox | digital signature - Inbox

File Edit View Go Message Events and Tasks **Enigmail** Tools Help

Get Messages Write Chat

From: Tim Preuss <tim_preuss@my.minnesota.edu>
 Subject: **digital signature**
 To: Me

Enigmail UNTRUSTED Good signature from Tim Pr

This message is digitally signed.

Forward Archive Junk Delete More

29 Wed Jul 2015 CW 31

Key Management

Unread: 0 Total: 5 Today Pane

- Decrypt/Verify
- Automatically Decrypt/Verify Messages
- Clear Saved Passphrase
- Reload Message
- Sender's Key
- Key Management
- Manage SmartCard ...
- Edit Recipient Rules
- Options

The presentation selects 'Key Management' from from the menu.

Inbox

File Edit View Go Message Events and Tasks Enigmail Tools Help

Get Messages Write Chat Address Book Tag Quick Filter Search... <Ctrl+K>

tim.preuss02@gmail.com

Inbox [Gmail] Drafts Sent Mail All Mail

Subject	From	Date
digital signature	Tim Preuss	11:24 AM
Welcome to YouTube!	YouTube	7/6/2015 3:30 PM
Stay more organized with Gmail's inbox	Gmail Team	7/6/2015 7:22 AM
The best of Gmail, wherever you are	Gmail Team	7/6/2015 7:22 AM

Events: 29 Wed Jul 2015 CW 31

New Event

Today

Tomorrow

Upcoming (5 days)

Unread: 0 Total: 5 Today Pane

Enigmail Key Management

File Edit View Keyserver Generate

Search for: [] Display All Keys by Default

Name	Key ID
T Preuss <tim.preuss02@gmail.com>	5E4B9815
Tim Preuss <tim.preuss02@gmail.com>	4D1EE2BB
Tim Preuss <tim_preuss02@gmail.com>	83D3970B

Copy Public Keys to Clipboard

Export Keys to File

Send Public Keys by Email

Upload Public Keys to Keyserver

Refresh Public Keys from Keyserver

Sign Key

The presentation right clicks on the public/private key for a menu. The presentation selects 'Upload Public Keys to Keyserver'.

Certificate

View Signatures

View Photo ID

Key Properties

Inbox

File Edit View Go Message Events and Tasks Enigmail Tools Help

Get Messages Write Chat Address Book Tag Quick Filter Search... <Ctrl+K>

tim.preuss02@gmail.com

Inbox [Gmail] Drafts Sent Mail All Mail

Subject	From	Date
digital signature	Tim Preuss	11:24 AM
Welcome to YouTube!	YouTube	7/6/2015 3:30 PM
Stay more organized with Gmail's inbox	Gmail Team	7/6/2015 7:22 AM
The best of Gmail, wherever you are	Gmail Team	7/6/2015 7:22 AM

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New Event

Today

Tomorrow

Upcoming (5 days)

Unread: 0 Total: 5 Today Pane

Enigmail Key Management

File Edit View Keyserver Generate

Search for: [] Display All Keys by Default

Name	Key ID
T Preuss <tim.preuss02@gmail.com>	5E4B9815
Tim Preuss <tim.preuss@m...>	B
Tim Preuss <tim_preuss@m...>	B

Select Keyserver

Send public key 0x5E4B9815 - T Preuss <tim.preuss02@gmail.com> to keyserver:

Keyserver: sweden.minnesota.edu

OK Cancel

The presentation selects 'OK' to send a copy of the public key to Sweden.minnesota.edu.