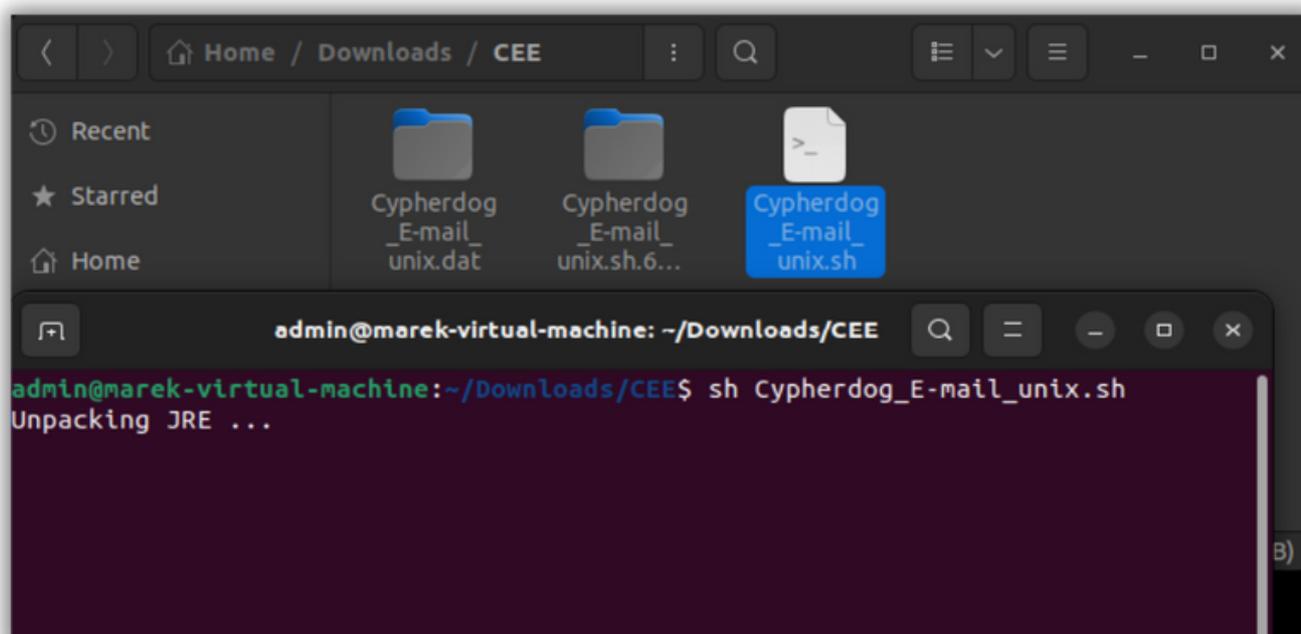
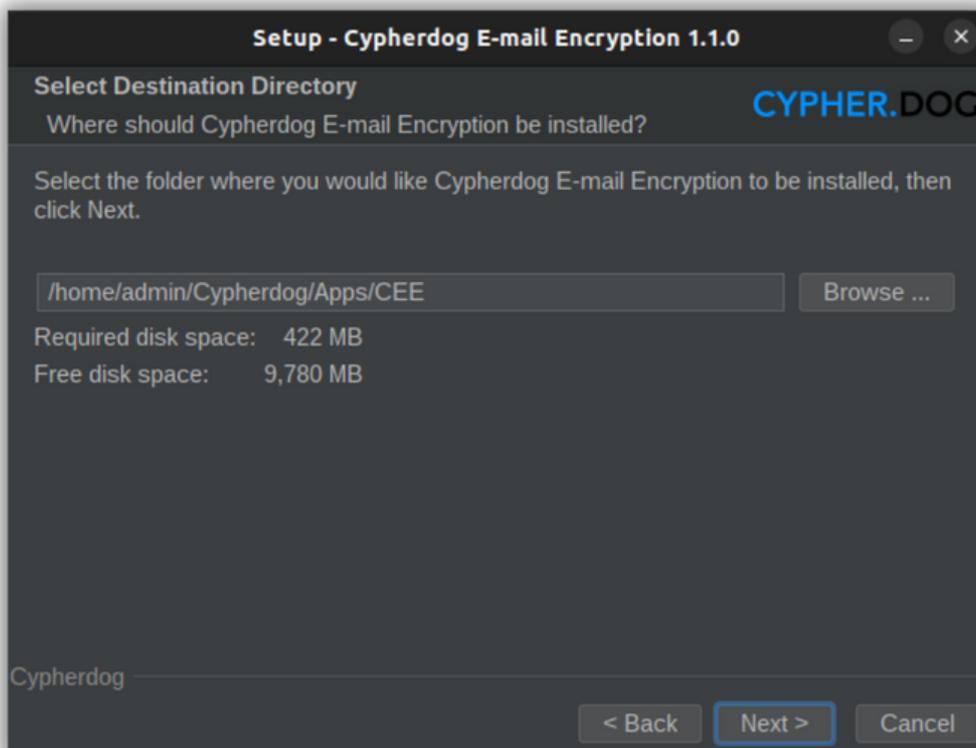
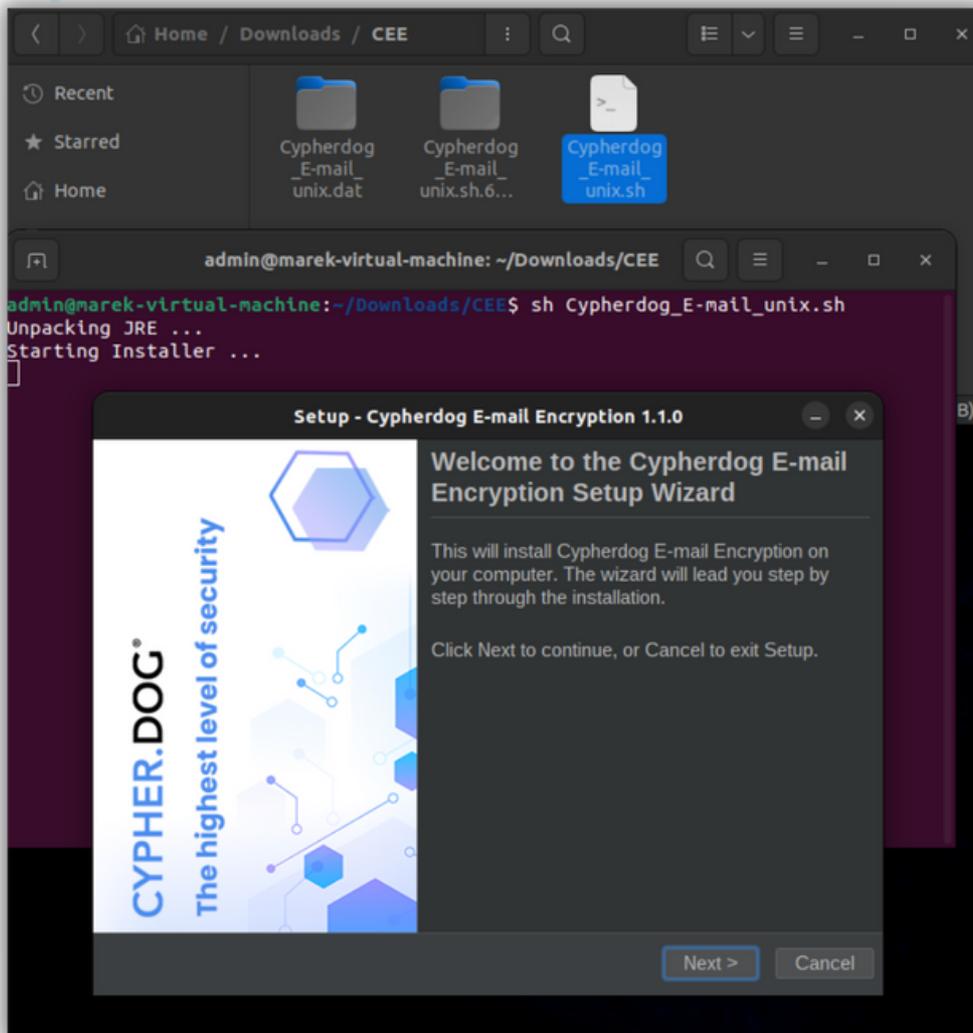


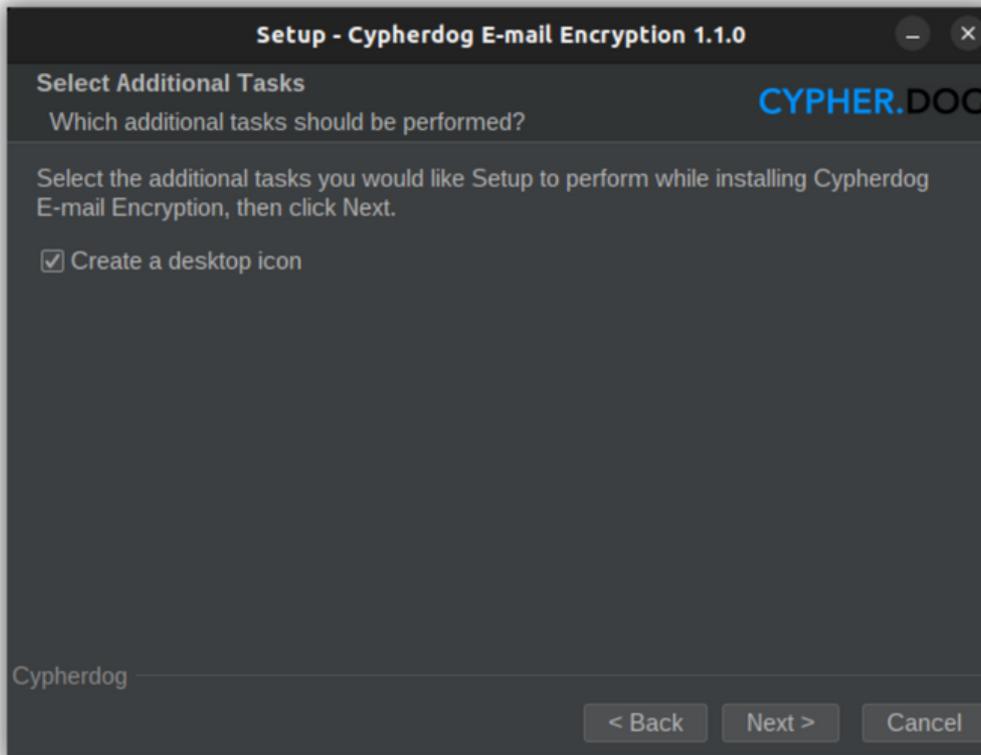
CYPHERDOG E-MAIL ENCRYPTION SINGLE USER Linux/Unix (CEE SU v1.1.0)

INSTALLATION GUIDE AND REGISTRATION

1. Go to <https://www.cypher.dog/download-the-app-e-mail-encryption/>, choose Linux OS and click the button to download the CEE SU application.
2. After downloading the installation file, run it - you must have administrator privileges - the installation process will start, follow the directions. You can right-click the downloaded file and select "Unpack here" from the menu. Run the unpacked script and click "Run" button in the window or run the unpacked script in the terminal.







Setup - Cypherdog E-mail Encryption 1.1.0

CYPHER.DOG®
The highest level of security

Completing the Cypherdog E-mail Encryption Setup Wizard

Setup has finished installing Cypherdog E-mail Encryption on your computer. The application may be launched by executing the installed start scripts.

Click Finish to exit Setup.

Run Cypherdog E-mail Encryption

Finish

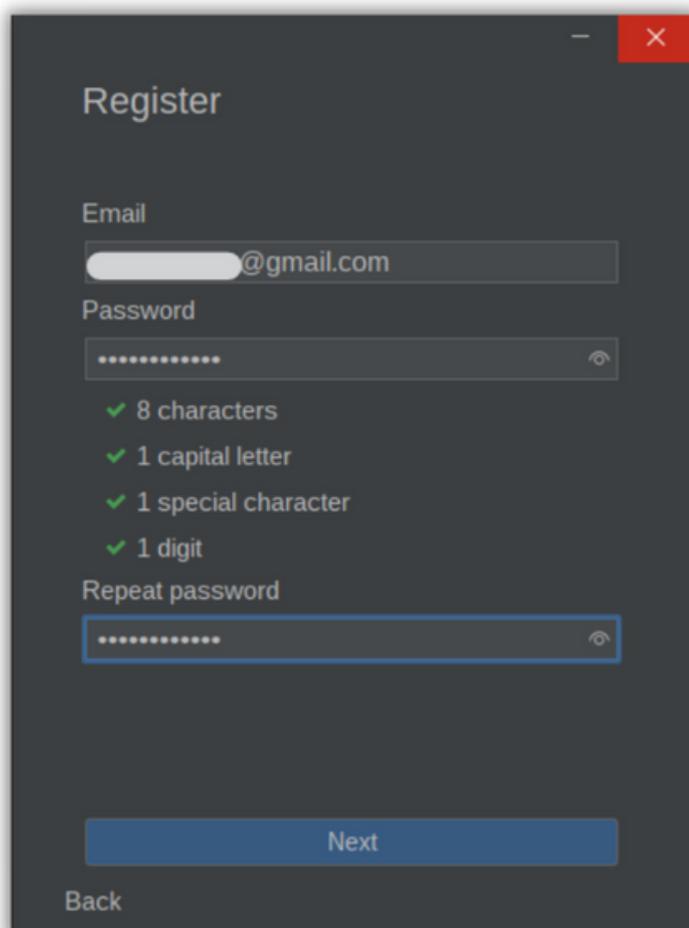
CYPHER.DOG®

Login

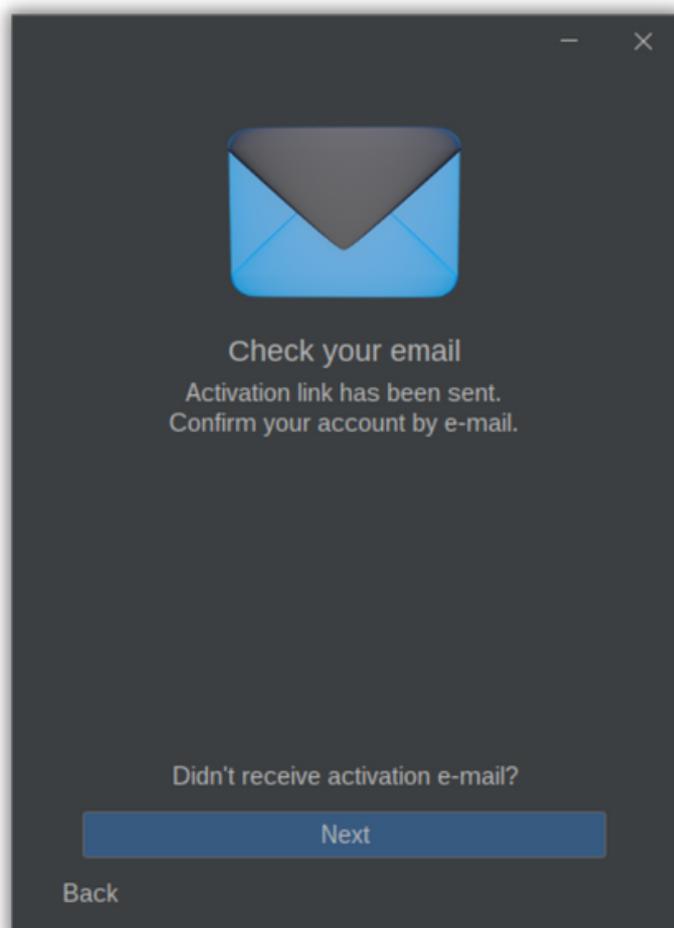
Register

REGISTRATION

1. After successfully completing the installation process, a registration/login window should appear. Click "Register" button, enter your email address, and set your password (length minimum of 8 characters, including small and big letters, one special character, and one digit). After confirmation, you need to check your mailbox. To activate your account, open an email from Cypherdog and click "Activate" link. A screen should appear that confirms the activation of your account. Then, you can login to the application using your registration data.



The screenshot shows a dark-themed registration window titled "Register". It features three input fields: "Email" (containing a placeholder and "@gmail.com"), "Password" (with a strength indicator), and "Repeat password". The password strength indicator shows four green checkmarks for: 8 characters, 1 capital letter, 1 special character, and 1 digit. At the bottom, there are "Back" and "Next" buttons.



The screenshot shows a dark-themed screen titled "Check your email". It features a blue envelope icon at the top. Below the icon, the text reads: "Check your email" and "Activation link has been sent. Confirm your account by e-mail." At the bottom, there are "Back" and "Next" buttons.

CYPHER.DOG®

Account activation



Thank you for registering in Cypherdog.

Activate the account by confirming your email address

[Click here to confirm your email address](#)

or copy and paste the link into your web browser:

https://api.prod.cypher.dog/user/activate/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJzdWliOiJjZWV0ZXN0eSt1YkRnbWFpbC5jb20iLCJleHAiOiJlE2Nzg4ODczNDJ9._Jg0B2YaD-TzhVLvKvDEI4tJJU_



Your account has been activated!

Cypherdog Security Inc. All Rights Reserved.

2. Click "Next" button and you will be asked to set a password to keep RSA keys safe. Set and confirm your secret password to unlock the key when required (length minimum of 8 characters, including small and big letters, one special character, and one digit). CEE needs to add the self-signed certificate "Personal CA" into trust store. Choose your Linux distribution and use in a terminal command as below:

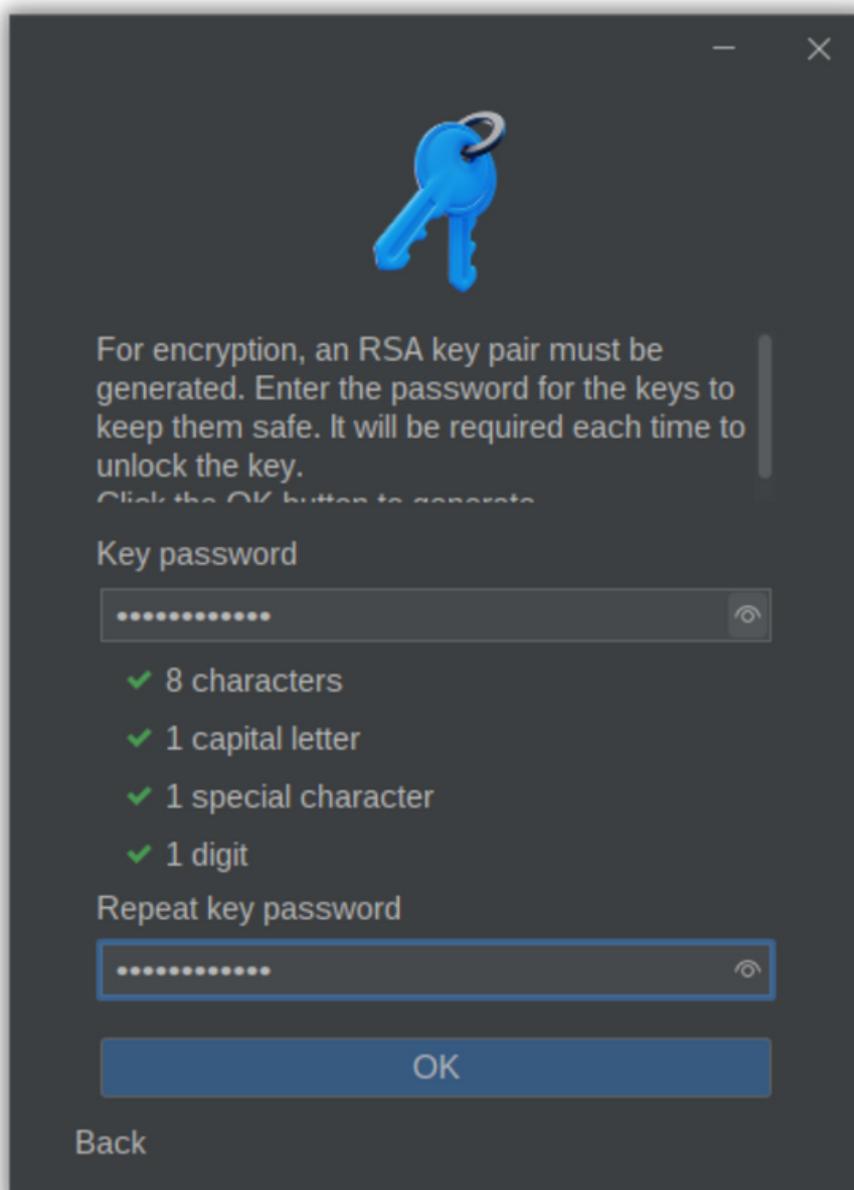
```
sudo apt-get install -y ca-certificates
```

```
sudo cp /root/.cypherdog/.keystore/yZCZ3FvR69Z-
```

```
VZPGI1DctaUj8paZgWw3choijDekD4I.p12.crt /usr/local/share/ca-
```

```
certificates
```

```
sudo update-ca-certificates
```



Cypherdog E-mail Encryption application needs adds the self-signed certificate "Personal CA" into trust store, this is necessary for the proper operation of the application.

You can use one of the commands below.

To confirm the installation is correct, click the check button.

Certificate name:

yZCZ3FvR69Z-VZPGI1DctaUj8paZgWw3choijDekD4I.p12.crt

Arch Linux Debian

```
sudo apt-get install -y ca-certificates
sudo cp /home/admin/.cypherdog/.keystore/yZCZ3FvR69Z-VZPGI1DctaUj8paZgWw3choijDekD4I.p12.crt /etc/ssl/certs/
sudo update-ca-certificates
```

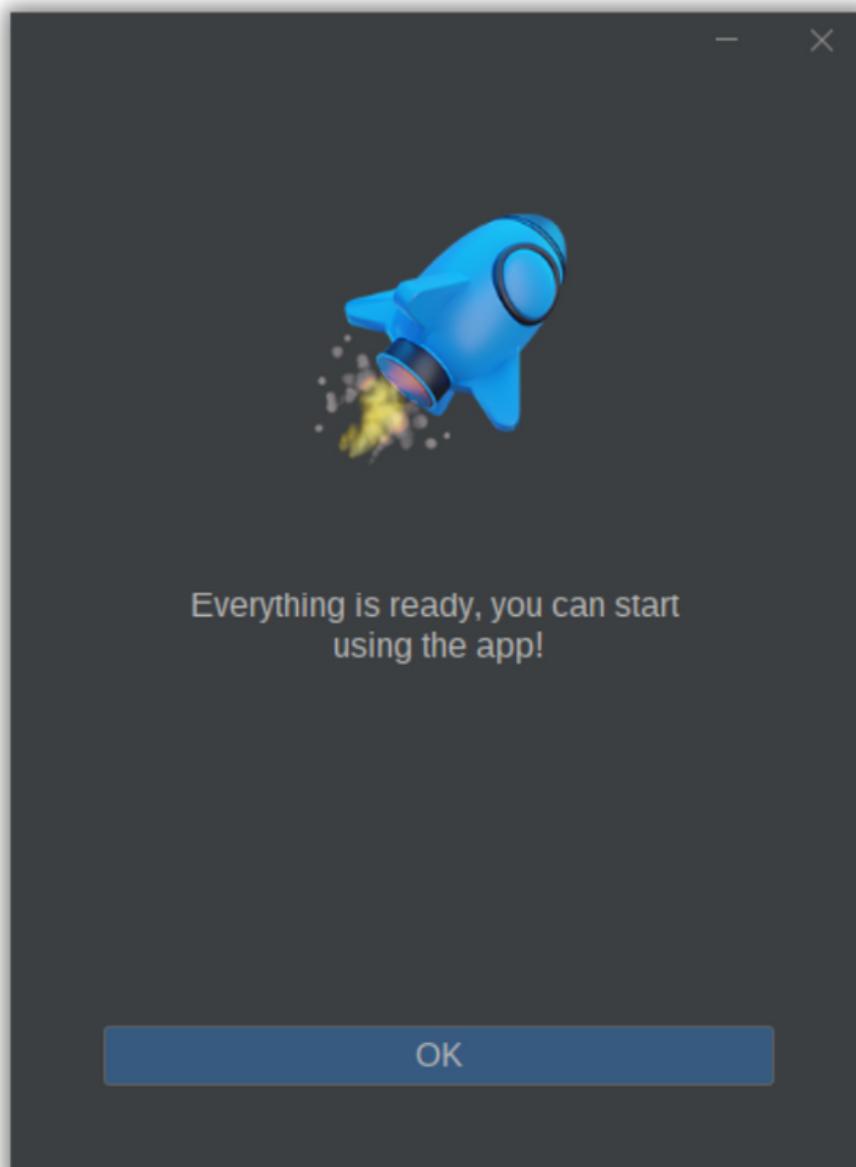
Check

```
[sudo] password for admin:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20211016ubuntu0.22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 7 not upgraded.
Updating certificates in /etc/ssl/certs...
rehash: warning: skipping ca-certificates.crt,it does not contain exactly one certificate or CRL
1 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
admin@marek-virtual-machine:~$
```



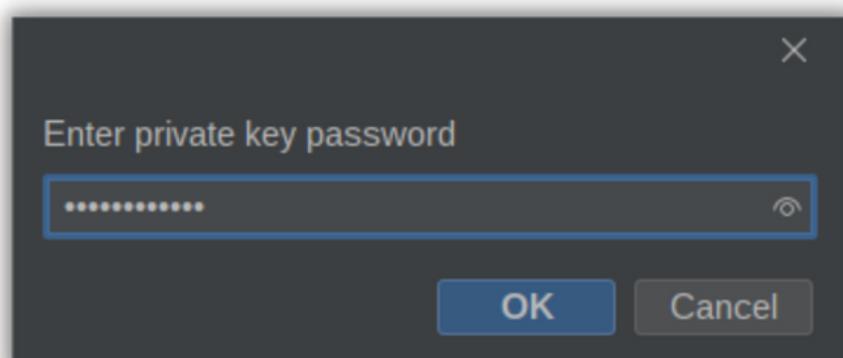
ATTENTION! The owner of the account must have confidence in being able to remember the password to a private key. You can use any Password Manager or other methods to remember it. In case you forget your password and you have previously created a backup of the key you can recover it. Otherwise, you can only recover your account, but you will lose all the data associated with your previous encrypted messages and files.

3. You can start using the app. Congrats!



FEATURES AND USER MANUAL

1. The application features and options are available in the app's service, which can be found in the system tray. The CEE logo should appear. If you cannot find it, try to run the service via shortcut in Linux installed programs. Mouse right button on the app icon in the system tray will show available options.





2. The white color of the icon indicates that the private key is not in the application's memory for security reasons. In the application settings, you can decide after how long the key should be deleted from memory.

After selecting the "Unlock private key" option, you will be asked for the password you previously set for your Private Key during the registration process. Once unlocked, the color of the icon will turn blue.

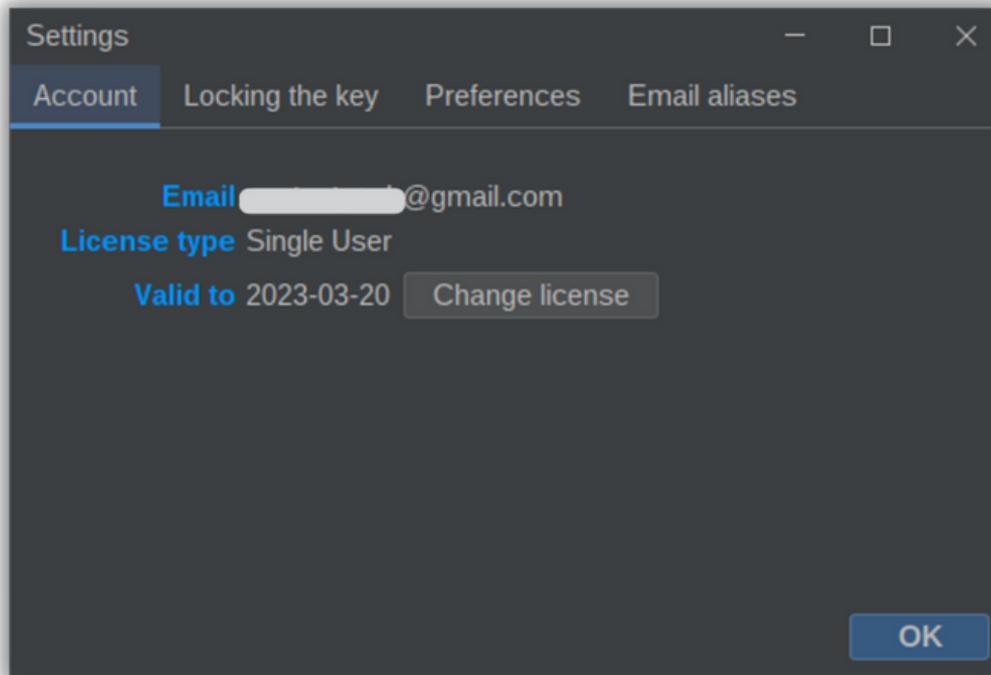
The application must have unlocked keys to be able to properly communicate with encryption plugins.

You will find the following menu options via the tray app icon:

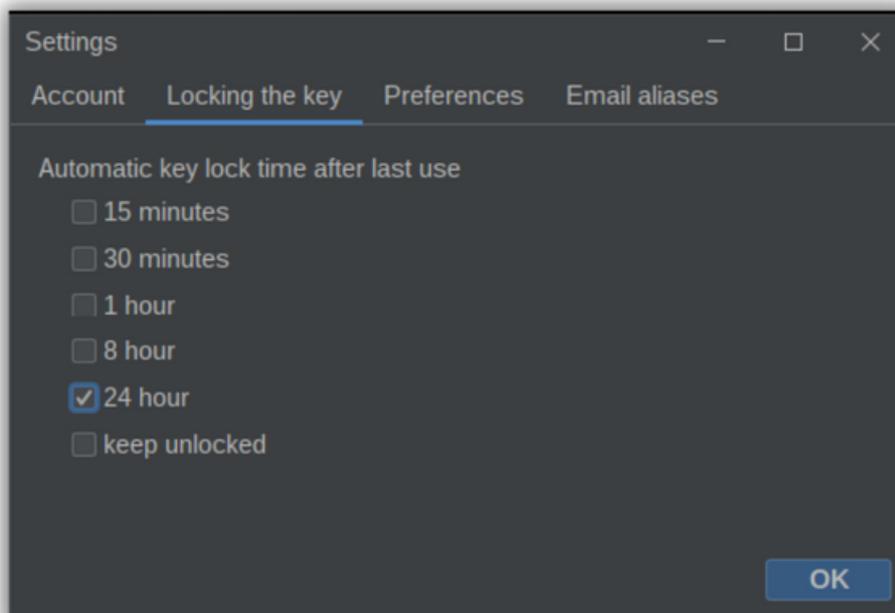
A. **Lock private key.** This function allows you to safely suspend the application and lock your keys without closing the application.

B. **Settings.** The following tabs are currently available:

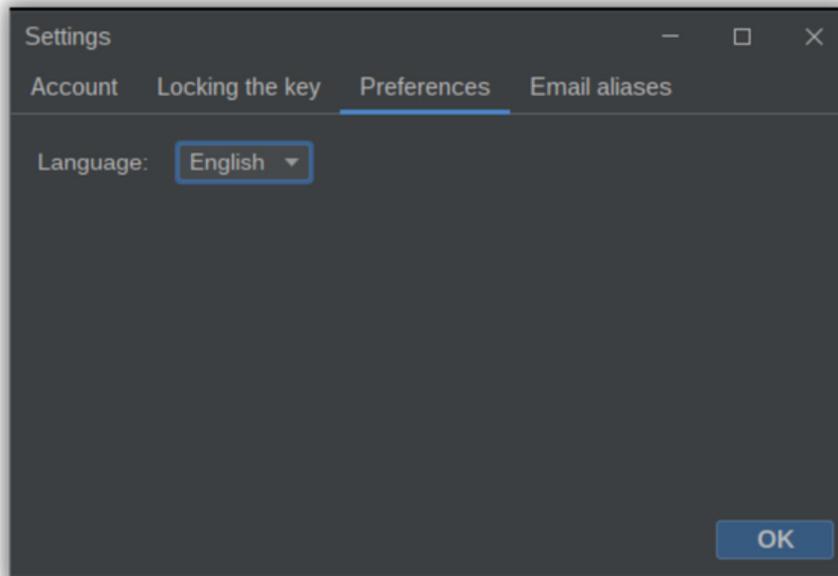
- **Account.** You will find your license information and your registered email address.



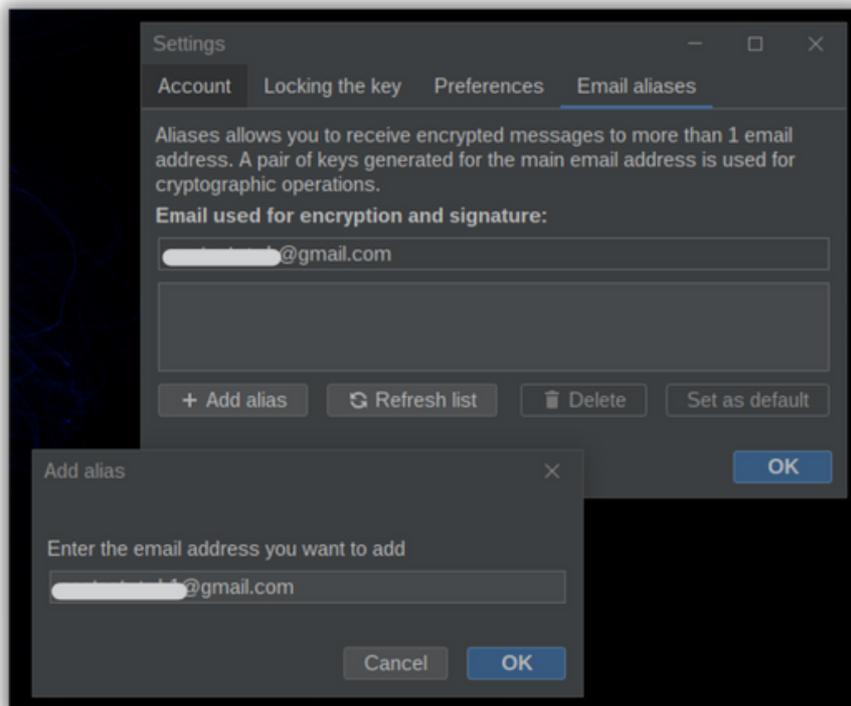
- **Locking the key.** You can set the time after which your Private Key will be locked and will require the password to unlock it.



- **Preferences.** You can choose preferred menu language from available ones.



- **Email aliases.** Aliases allows you to receive or send encrypted messages from/to more than one email address. You can use "Set as default" option for an email alias you want. Encrypted message or file contains email (or email alias) of the sender which will be displayed after decrypting the message by mailbox plugin or "Magic Window". A pair of keys generated for the main email address is used for cryptographic operations.





Settings

Account Locking the key Preferences **Email aliases**

Aliases allows you to receive encrypted messages to more than 1 email address. A pair of keys generated for the main email address is used for

Add alias

Emails confirming the addition of an alias have been sent to the given address and the main address. Click on the confirmation links contained therein.

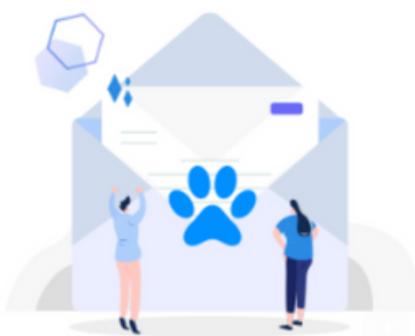
After confirming the alias, refresh the list.

OK

Set as default

OK

Cypherdog E-mail Encryption



You want to add an e-mail alias [redacted]@gmail.com in Cypherdog E-mail Encryption.

The process of adding this email alias was initiated from the account: [redacted]@gmail.com

[Click here to confirm your email address](#)
or copy and paste the link into your web browser:
<https://api.prod.cypher.dog/alias/confirm/>





Alias already added!

E-mail alias **successfully added** to your Cypherdog E-mail Encryption account.

Cypherdog Security Inc. All Rights Reserved.

Settings — □ ×

Account Locking the key Preferences Email aliases

Aliases allows you to receive encrypted messages to more than 1 email address. A pair of keys generated for the main email address is used for cryptographic operations.

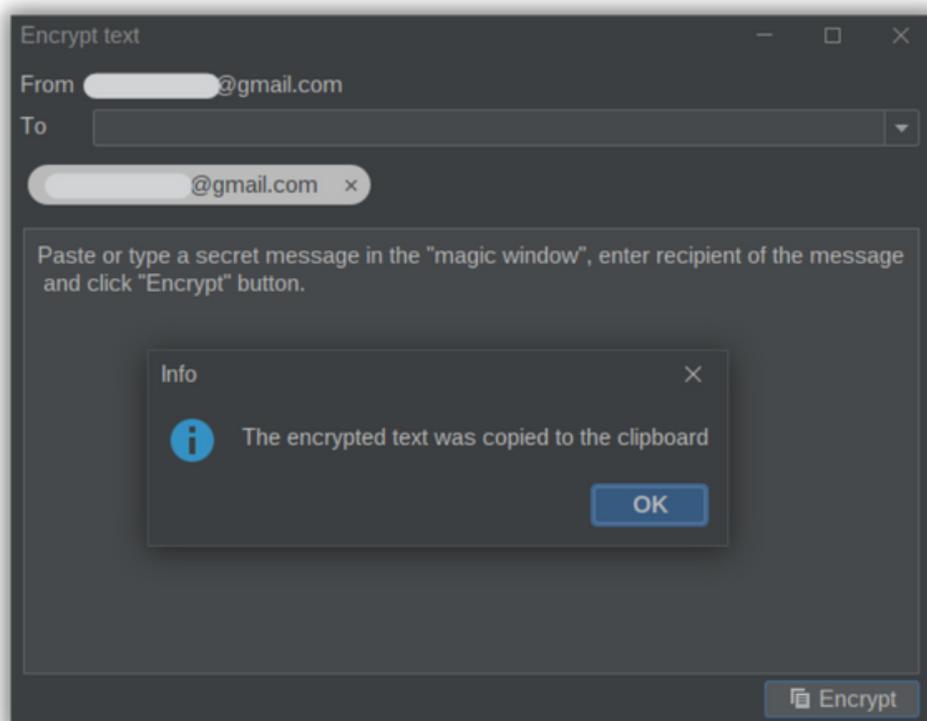
Email used for encryption and signature:

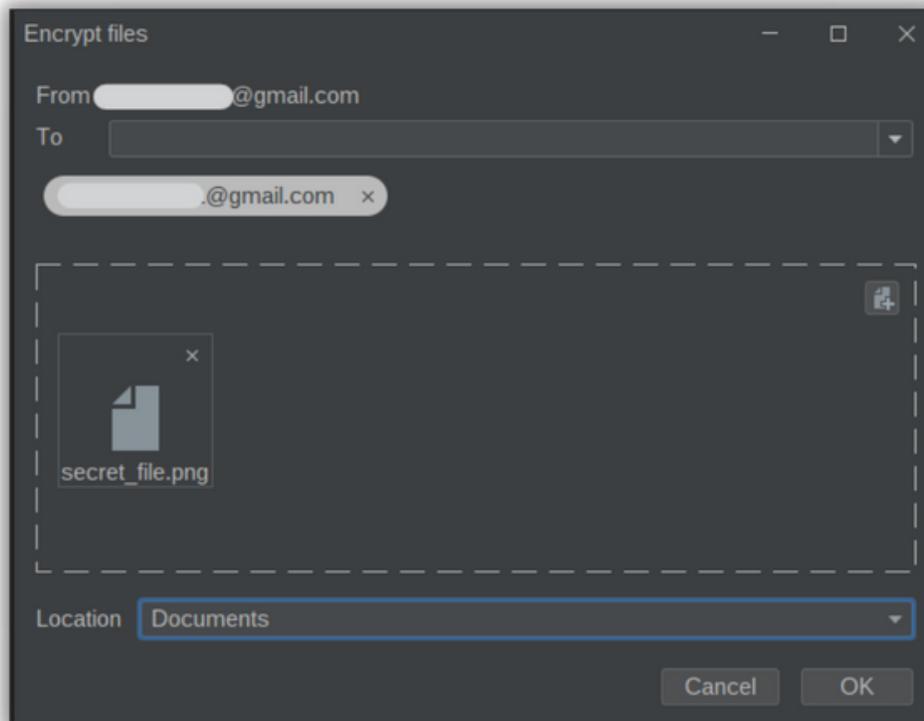


C. **Backup keys.** This option allows you to make a backup of your RSA Private Keys.

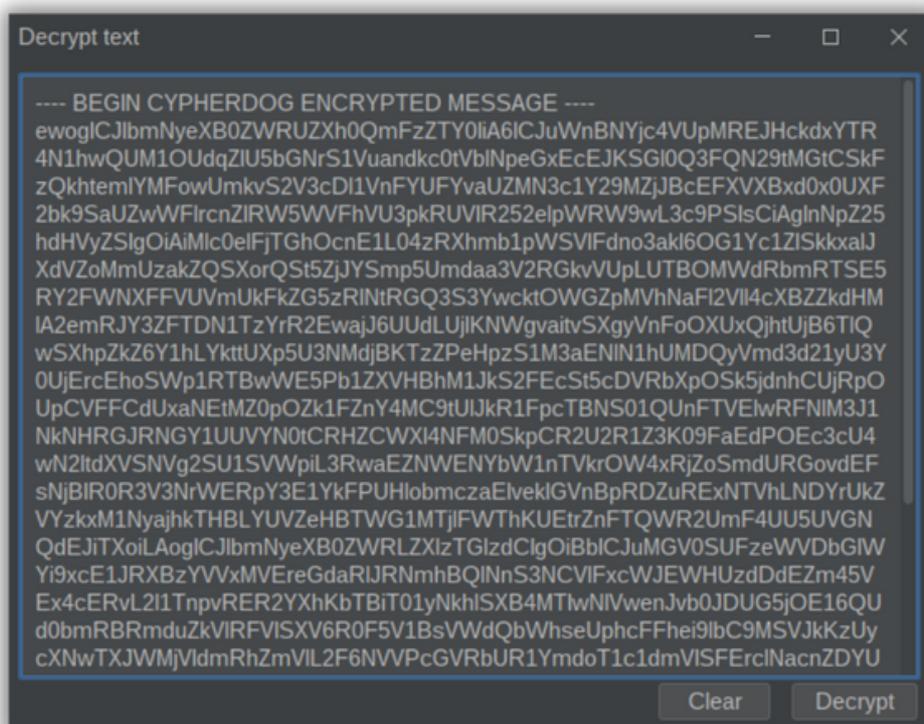
Remember to keep it in a safe place.

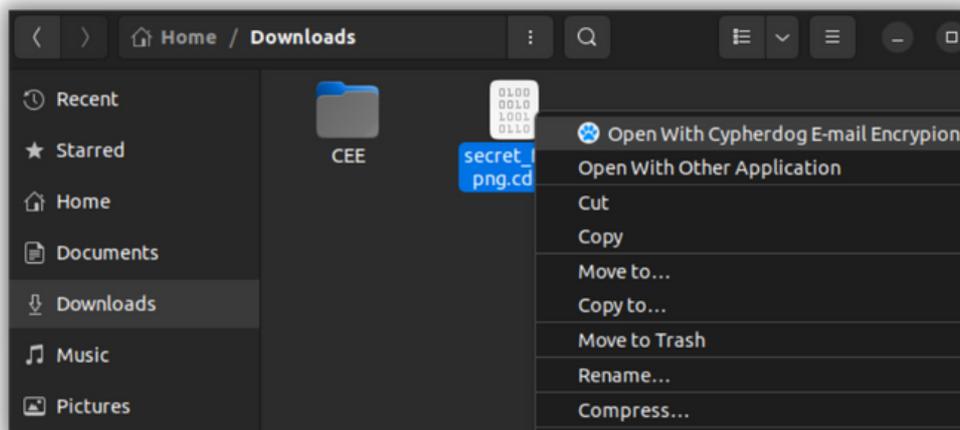
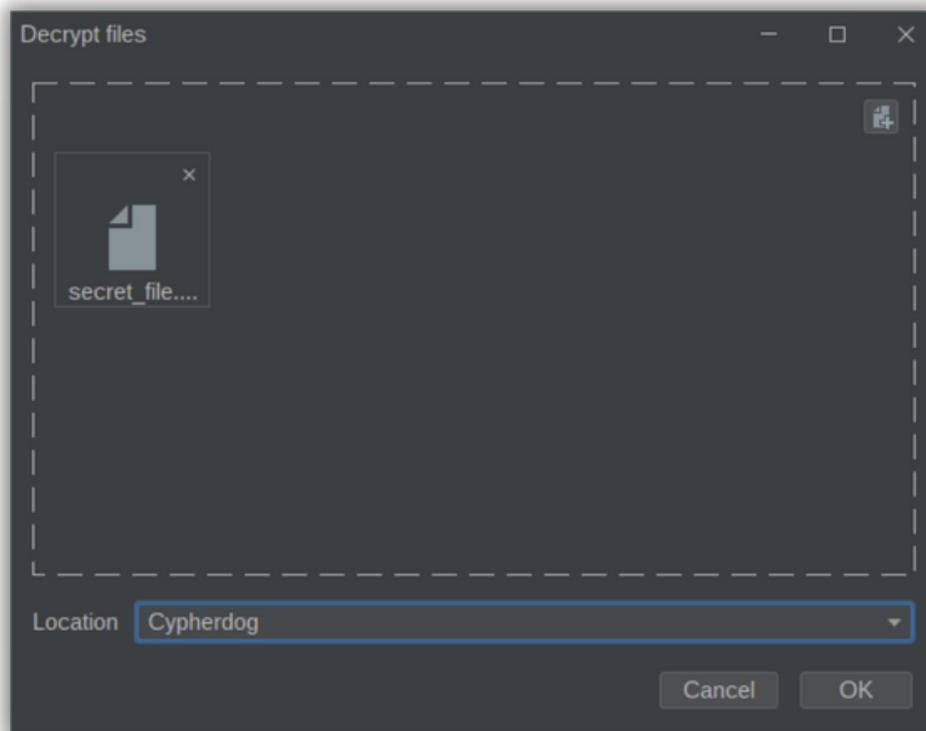
D. **Encrypt (file or text).** The main feature of the CEE SU application. Just provide the text or files you need to encrypt for a specified email addresses (you can add many recipients). Please note that only the email associated with the Cypherdog account can be the recipient. Once encrypted, your message is copied to the system clipboard and can be sent via any email client / provider. Encrypted files will be saved in the folder indicated as "Location". Encrypted messages can be easily decrypted directly from Gmail or Outlook via dedicated plugins. Encrypted files have a .cdog extension that has been associated with OS during app installation. In addition to the "magic window," you can encrypt your files directly via the right-click context menu in Linux GUI by selecting the open option.





E. **Decrypt.** Just paste to the decryption window (called the “magic window”) the content of the message starting with “--- BEGIN CYPHERDOG ENCRYPTED MESSAGE” phrase. Click the “Decrypt” button and read the message. The encrypted files have the .cdog extension and are associated with OS system files. That means that you can decrypt .cdog files directly using the context menu. Just open the encrypted file (associated with Unix/Linux OS).





Forgotten key password. You can recover your account if you forget your key password but remember that you will lose all data in the Cypherdog apps associated with your account. You will lose the ability to decrypt previously encrypted files and messages, the recipients of the messages you send will not be able to verify your signature.



Reset password

Code received in the email

Password

- ✓ 8 characters
- ✓ 1 capital letter
- ✓ 1 special character
- ✓ 1 digit

Repeat password

OK

Back



Key password

OK

Forgot password

Back



Load backup



You have registered devices in the Cypherdog system. If you want to restore an existing private key from a previously created backup, click **Load Backup**.

If you have lost access to your existing devices and are unable to restore your keys from a backup, you can force delete your account data and then generate a *new encryption key pair*.

Load backup

I don't have a backup file

Back

Delete account data

Warning

- Delete registered devices will result in the loss of all data in all Cypherdog applications (CEE and CFES) associated with the account.
- You will lose the ability to decrypt previously encrypted and received files and messages.
- Recipients of the data you send will not be able to verify your signature.

Contact us if you have any doubts:
support@cypher.dog

To confirm deletion, type **permanently delete** in the text input field.

permanently delete

Delete account data

Back



Cypherdog E-mail Encryption Plugins

Go to the website <https://www.cypher.dog/download-the-app-e-mail-encryption/>

Listed plugins are currently available:

- Google Chrome Plugin for Gmail & Google Suite:

Start Google Chrome

Click the proper plugin from the Cypherdog website or enter URL:

<https://chrome.google.com/webstore/detail/cypherdog-email-encryption/dhcfjhfmgokhacekiogfhkiipokegp>

- Microsoft Edge for Gmail & Google Suite:

Start Microsoft Edge

Click the proper plugin from the Cypherdog website or enter URL:

<https://microsoftedge.microsoft.com/addons/detail/cypherdog-email-encryption/oplenbgckamblikeedgmngngkjlaiegn>

- Microsoft Outlook 2016/2019/2021/Microsoft 365 & Webclient:

Read on Microsoft Support page how to install Office Add-in for Outlook:

<https://support.microsoft.com/en-us/office/get-an-office-add-in-for-outlook-1ee261f9-49bf-4ba6-b3e2-2ba7bcab64c8>

You should install our add-on manually by entering link:

<https://packer.cdn.cypher.dog/outlook-plugin/manifest.xml>

- Mozilla Firefox for Gmail & Google Suite:

Start Firefox

Click the proper plugin from the Cypherdog website or enter URL address:

<https://addons.mozilla.org/en-US/firefox/addon/cypherdog-email-encryption>

Install ad-on.

- Thunderbird:

Download and install plugin (xpi) to the Thunderbird e-mail client directly from the link:

<https://addons.thunderbird.net/pl/thunderbird/addon/cypherdog-email-encryption/>

