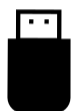


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Install Tails from Linux

Что вам понадобится:



1 флешка
Only for Tails!
8 GB minimum



Linux
any distribution



2 GB of RAM
64-bit



Smartphone
or printer
to follow the instructions



1 hour in total
1.9 GB to download
½ hour to install

[System requirements and recommended USB sticks](#)

Ваши шаги



Скачать Tails



Verify your
download



Install Tails using
GNOME Disks



Restart on your
Tails USB stick



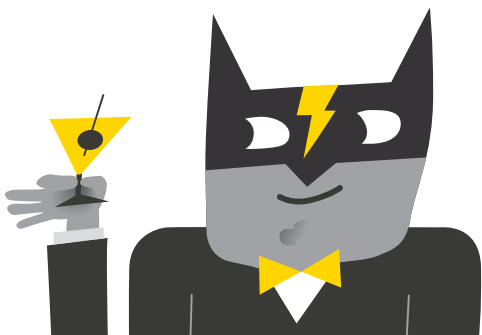
Welcome to Tails!

Warnings: Tails is safe but not magic!

Tails безопаснее любой популярной операционной системы. Но никакая программа или операционная система — даже Tails! — не может защитить вас абсолютно от всего.

На этой странице мы советуем, как обеспечить безопасность, особенно если вы в «группе риска».

Защита личности при работе
с Tails



Ограничения сети Tor



Tails is designed to hide your identity.

But some of your activities could reveal your identity:

- Sharing files with metadata, such as date, time, location, and device information
- Using Tails for more than one purpose at a time

Защита личности

Tails uses the Tor network because it is the strongest and most popular network to protect from surveillance and censorship.

But Tor has limitations if you are concerned about:

- Hiding that you are using Tor and Tails
- Protecting your online communications from determined, skilled attackers

Ограничения Tor

Как снизить риски на сомнительных компьютерах



Tails can safely run on a computer that has a virus.

But Tails cannot always protect you when:

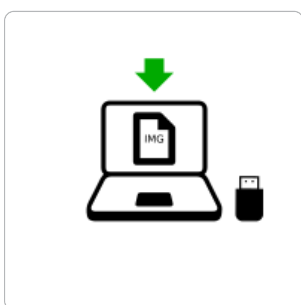
- Installing from an infected computer
- Running Tails on a computer with a compromised BIOS, firmware, or hardware

На сомнительном компьютере

Каждый человек подгоняет общие советы по безопасности под свои нужды и угрозы. Вот пара сборников рекомендаций:

- [EFF: Surveillance Self-Defense](#)
- [Front Line Defenders: Security-in-a-Box](#)

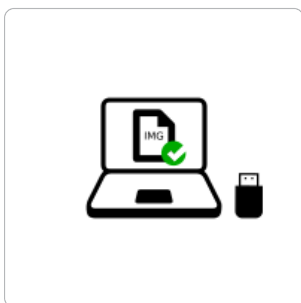
1/7 Скачать Tails



Download Tails 7.7.3 USB image (2.0 GB)

Save your download to your usual *Downloads* folder and not to the USB stick.

2/7 Verify your download



Verify your download to make sure that it is safe and was not corrupted during download.

Select your download to verify...

or verify using the [OpenPGP signature](#)

3/7 Install Tails using *GNOME Disks*



1. Install *GNOME Disks*.

- If you are using the GNOME desktop environment, *GNOME Disks* should be installed by default.
- Otherwise, install the `gnome-disk-utility` package using the usual installation method for your distribution.

You can also install Tails using the `dd` command from any Linux distribution as described in our instructions for [installing from Debian using the command line](#).

2. Open *GNOME Disks* (also called *Disks*).

For example, you can press the **Super** (⊞) key, then enter `disks` and select **Disks**.

The storage devices in the computer are listed in the left pane.

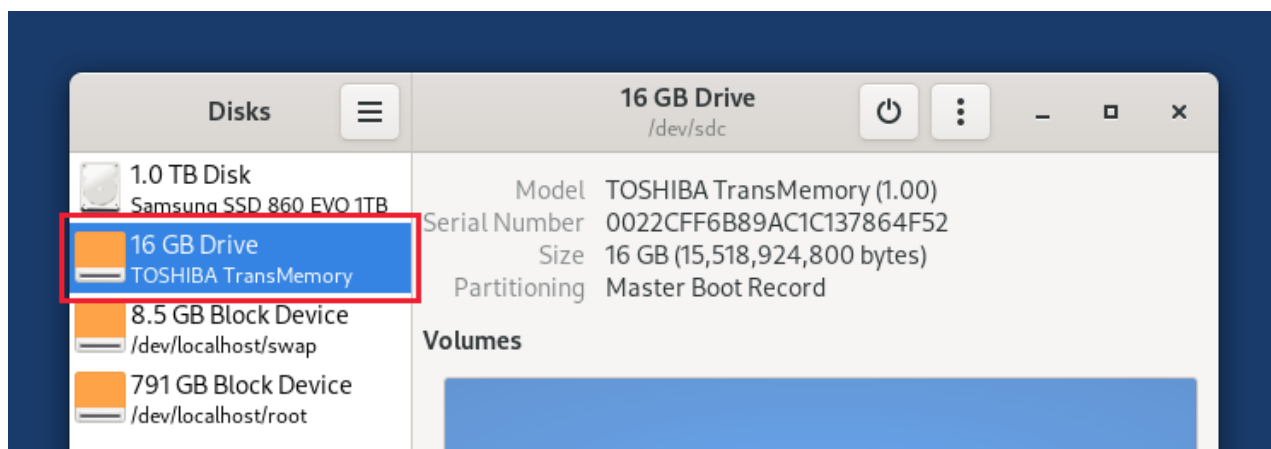



3. Подключите флешку, на которую хотите установить Tails.

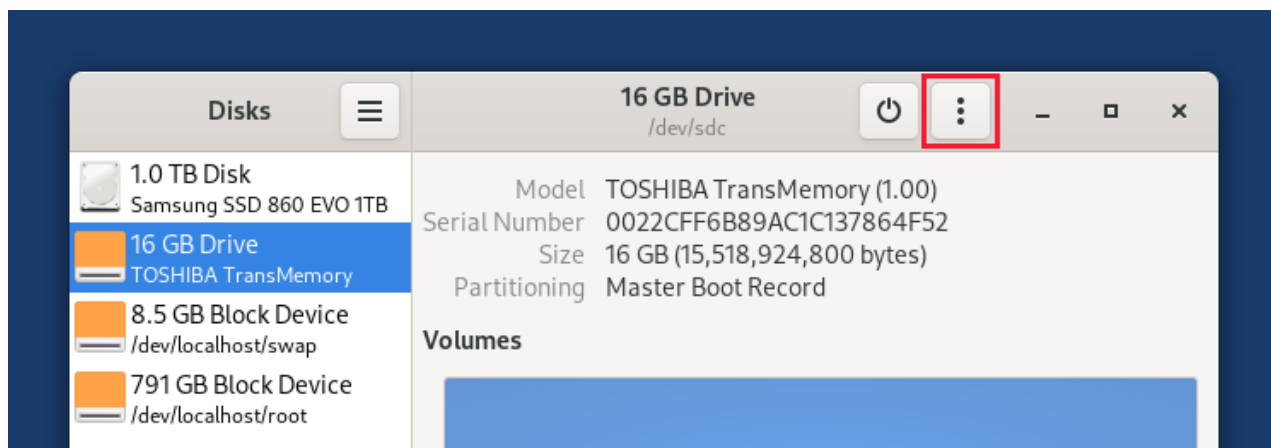
All the data on this USB stick will be lost.

Some data might still be recovered using advanced forensics tools.

A new drive appears in the list of storage devices. Select it.



4. Click on the  button in the title bar and choose **Restore Disk Image**.



5. В диалоге **Восстановить образ диска** нажмите на выбор файла.

Выберите скачанный ранее USB-образ.

Make sure that the USB image is called *tails-amd64-7.7.3.img* and has an *.img* file extension.

If the image has an *.iso* file extension, it is the wrong image. Please go back to the [download step](#).

6. Click the **Start Restoring** button.

7. In the confirmation dialog click **Restore**.

В зависимости от вашей сборки Linux вас могут попросить ввести пароль администратора.

Установка занимает несколько минут.

8. After the installation is finished, select the  button.



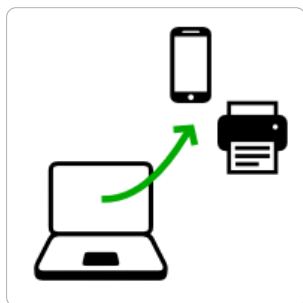
Well done!

You have installed Tails on your USB stick.

In the next step, you will make your computer start on this USB stick.

Tails might not work on your computer, so good luck!

4/7 Open these instructions on another device



In the next step, you will shut down the computer. To be able to follow the rest of the instructions afterwards, you can either:

- Scan this QR code on your smartphone or tablet:





- Print these instructions on paper.
- Take note of the URL of this page:

```
https://tails.net/install/linux?back=1
```

5/7 Restart on your Tails USB stick



Загрузите компьютер с флешки

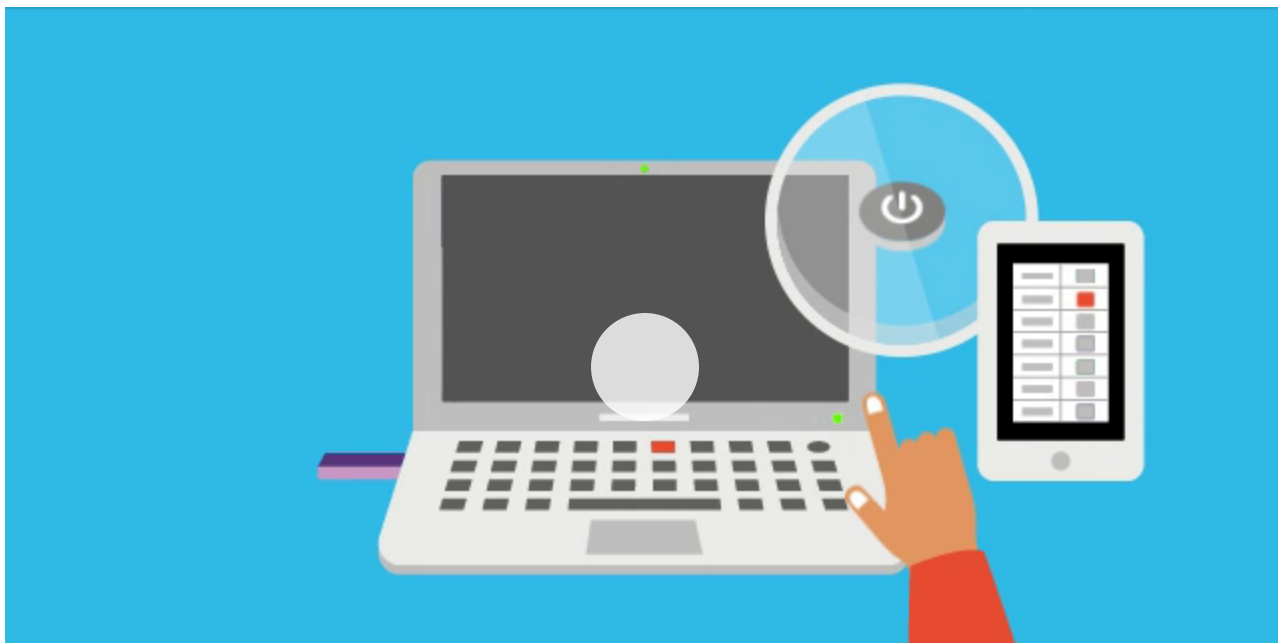
Most computers do not start automatically on the Tails USB stick, but you can press a Boot Menu key to display a list of possible devices to start from.

If Windows is also installed on the computer, you can refer instead to the [instructions on starting Tails from Windows](#). Starting Tails from Windows is easier than using the Boot Menu key.

Пример загрузочного меню:



На этом видео примерно показано, как использовать клавишу для вызова меню загрузчика и загрузки с флешки:



0:00 / 0:43

Здесь мы перечислим шаги, которые расскажут, как использовать клавишу загрузочного меню и стартовать с флешки:

1. Выключите компьютер, но оставьте флешку подключённой.
2. Определите, какую клавишу нажимать, чтобы вызвать меню загрузчика. Это зависит от производителя компьютера. Примеры:

Производитель	Клавиша
Acer	F12, F9, F2, Esc
Apple	Option
Asus	Esc
Clevo	F7
Dell	F12
Fujitsu	F12, Esc
HP	F9
Huawei	F12
Intel	F10
Lenovo	F12, <u>Novo</u>
MSI	F11
Samsung	Esc, F12, F2
Sony	F11, Esc, F10
Toshiba	F12
Others...	F12, Esc

На многих компьютерах на короткое время появляется сообщение, как попасть в меню загрузчика или изменить настройки BIOS.

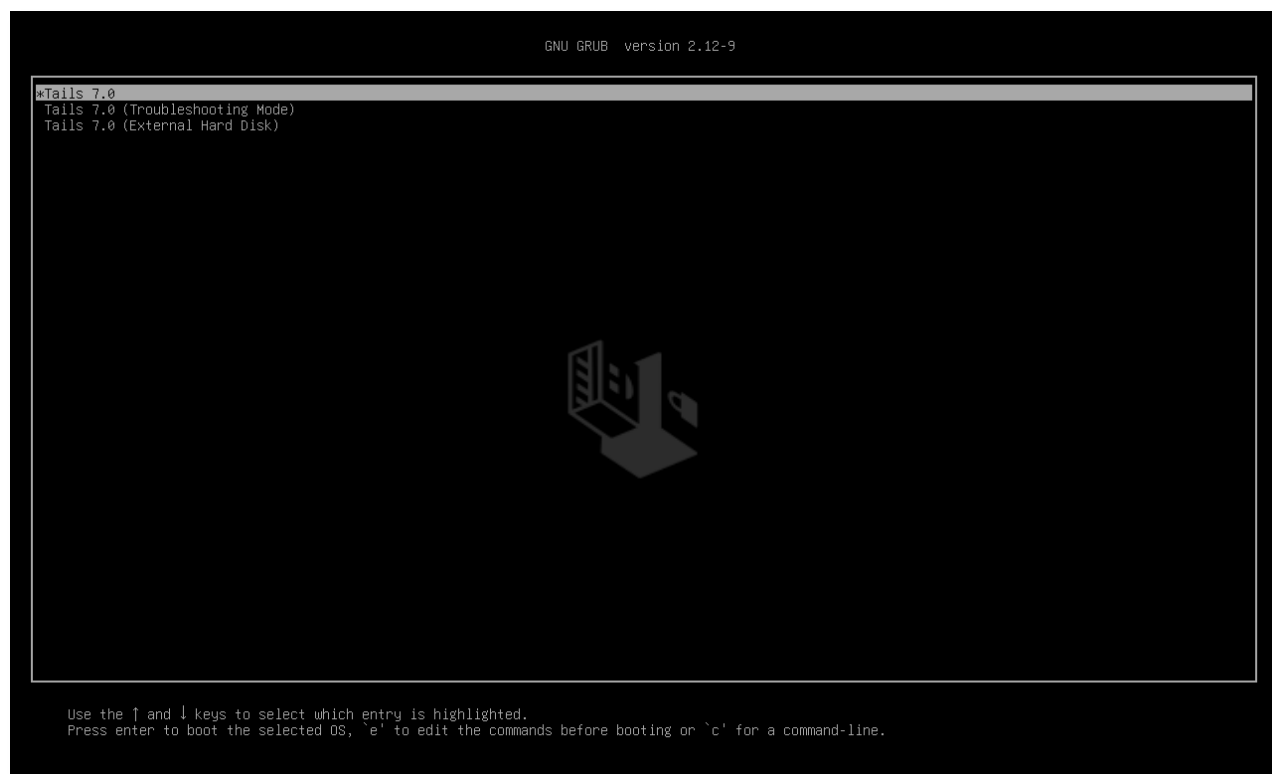
3. Switch on the computer.

Immediately press several times the first possible Boot Menu key identified in step 2.

4. Если на компьютере начнёт загружаться другая операционная система или появится сообщение об ошибке, выключите компьютер снова и повторите шаг 3 с другими возможными клавишами (см. шаг 2).

Если появится загрузочное меню со списком устройств, выберите вашу флешку и нажмите **Enter**.

5. Если компьютер загружается с Tails, появится загрузчик, и Tails запустится автоматически через 4 секунды.



Troubleshoot Tails not starting

- If none of the possible Boot Menu keys from the previous technique work, refer to the [troubleshooting instructions about Tails not starting at all](#).
- If the Boot Menu appears, but your USB stick is not listed in the Boot Menu:
 1. Wait 2–3 minutes and try again. Some USB sticks need some rest after installing.
 2. Try all other USB ports on the computer. Some USB ports cannot be used to start from.

- If your USB stick is listed in the Boot Menu, but the Boot Loader doesn't appear:

1. Make sure that you have verified your download.
2. Try to install again on the same USB stick.
3. Try to install on a different USB stick.
4. Try to use the same USB stick to start on a different computer.

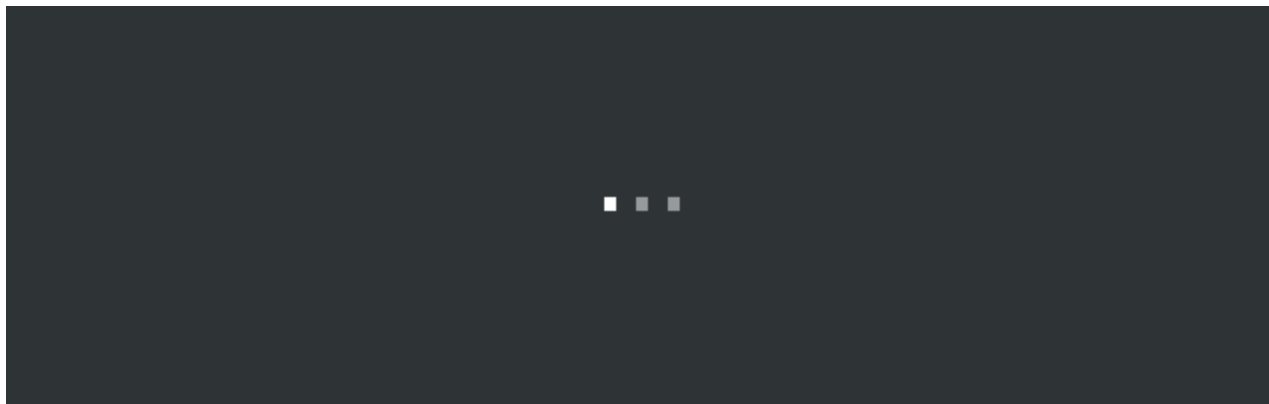
Если ваш компьютер не показывает загрузчик, в настоящее время может быть невозможно запустить Tails с этого компьютера.

- If the Boot Loader appears, but Tails fails to start after the Boot Loader, refer to [the troubleshooting section about Tails not starting after the Boot Loader](#).

6/7 Welcome to Tails!



1. After the Boot Menu, a loading screen appears.

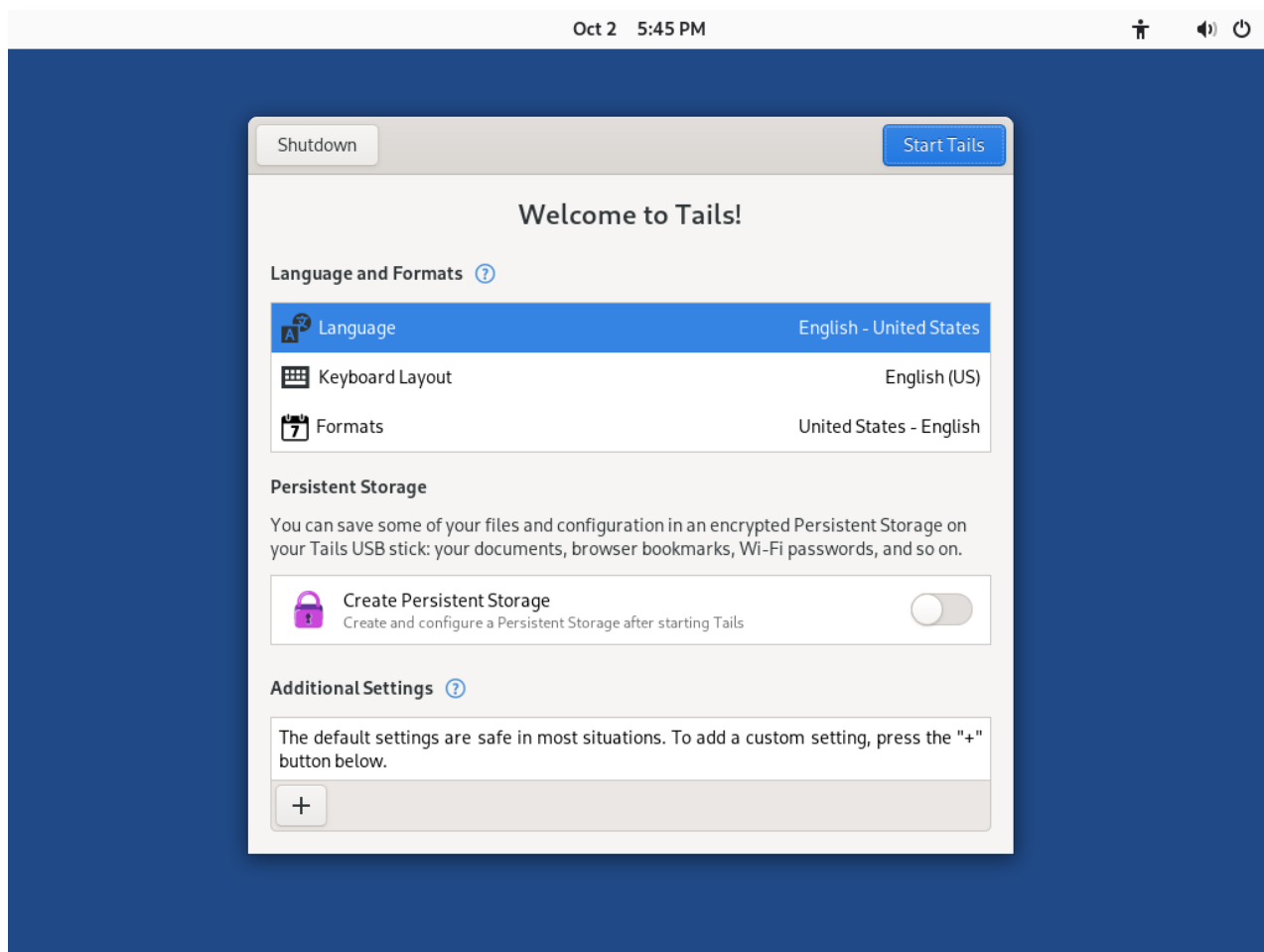


2. One to two minutes after the Boot Loader and the loading screen, the Welcome Screen appears.

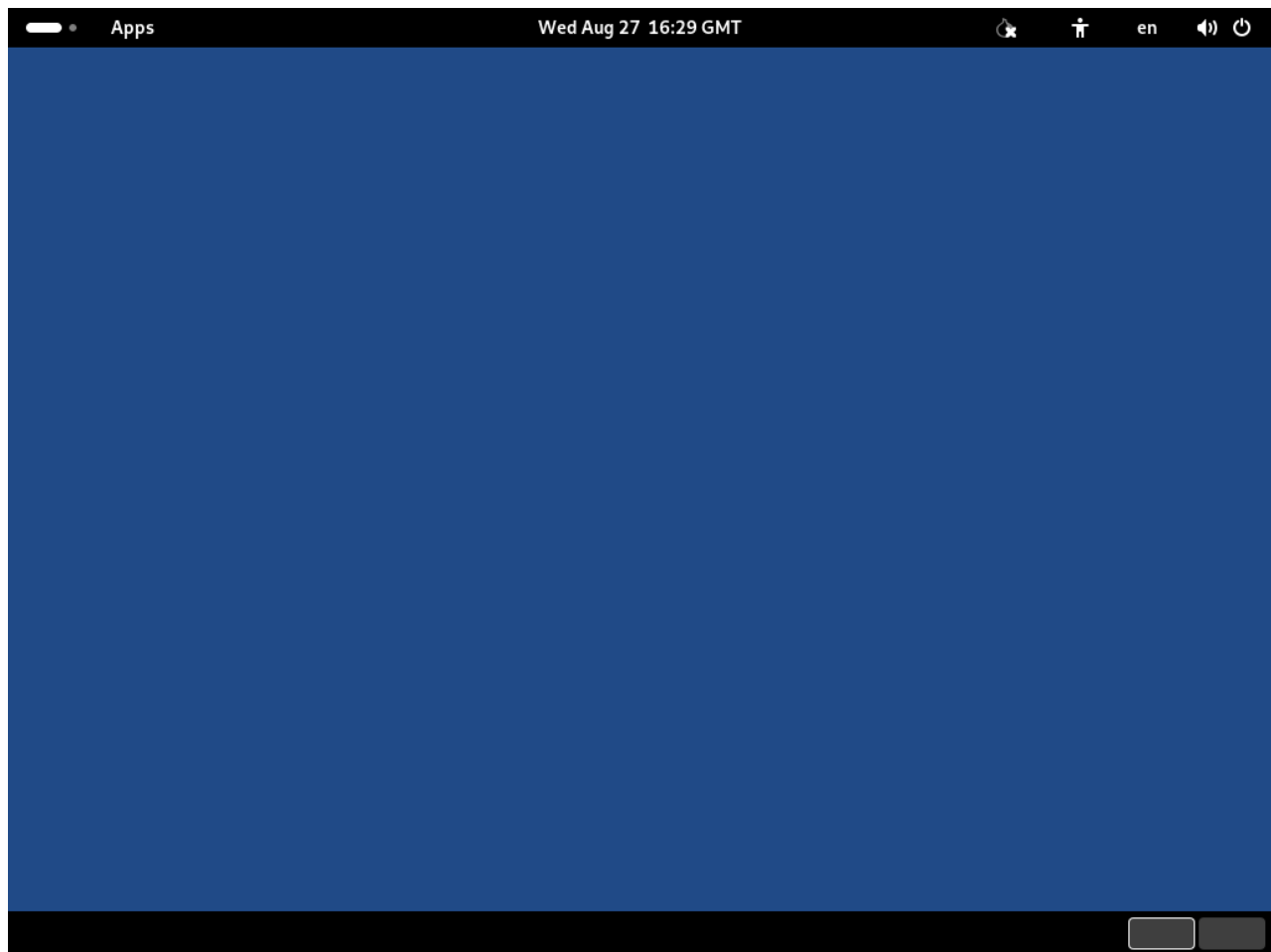
If the following message about partitioning errors appears in the Welcome Screen, please start again from step 2: [Verify your download](#).

```
Errors were detected in the partitioning of your
Tails USB stick.
```

If the error persists, reinstall Tails on one of our [recommended USB sticks](#).



3. In the Welcome Screen, select your language and keyboard layout in the **Language and Formats** section. Click **Start Tails**.
4. Через 15–30 секунд появится рабочий стол Tails.



You made it!

You managed to start Tails on your computer!

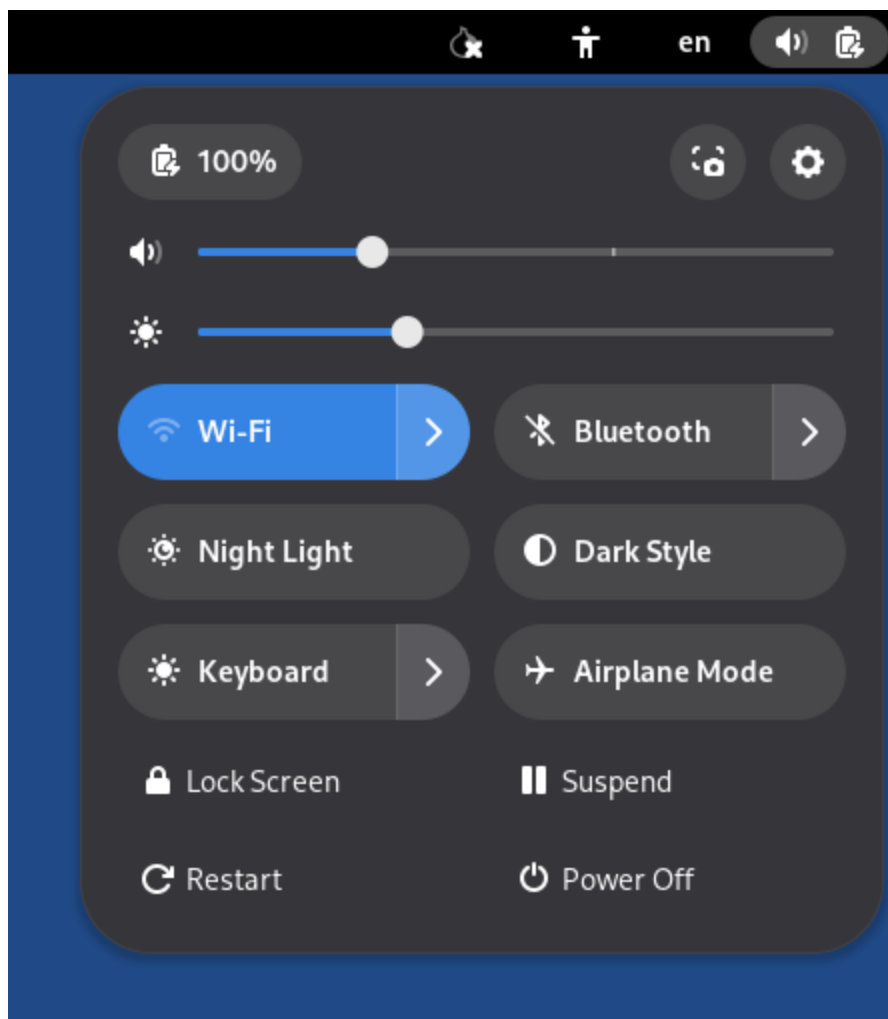
Congratulations on staying safe :)

To continue discovering Tails, read our [documentation](#).

7/7 Test your Wi-Fi

К сожалению, проблемы с wi-fi типичны для Tails и в целом для Linux. Ниже показано, как проверить работоспособность интерфейса wi-fi в Tails.

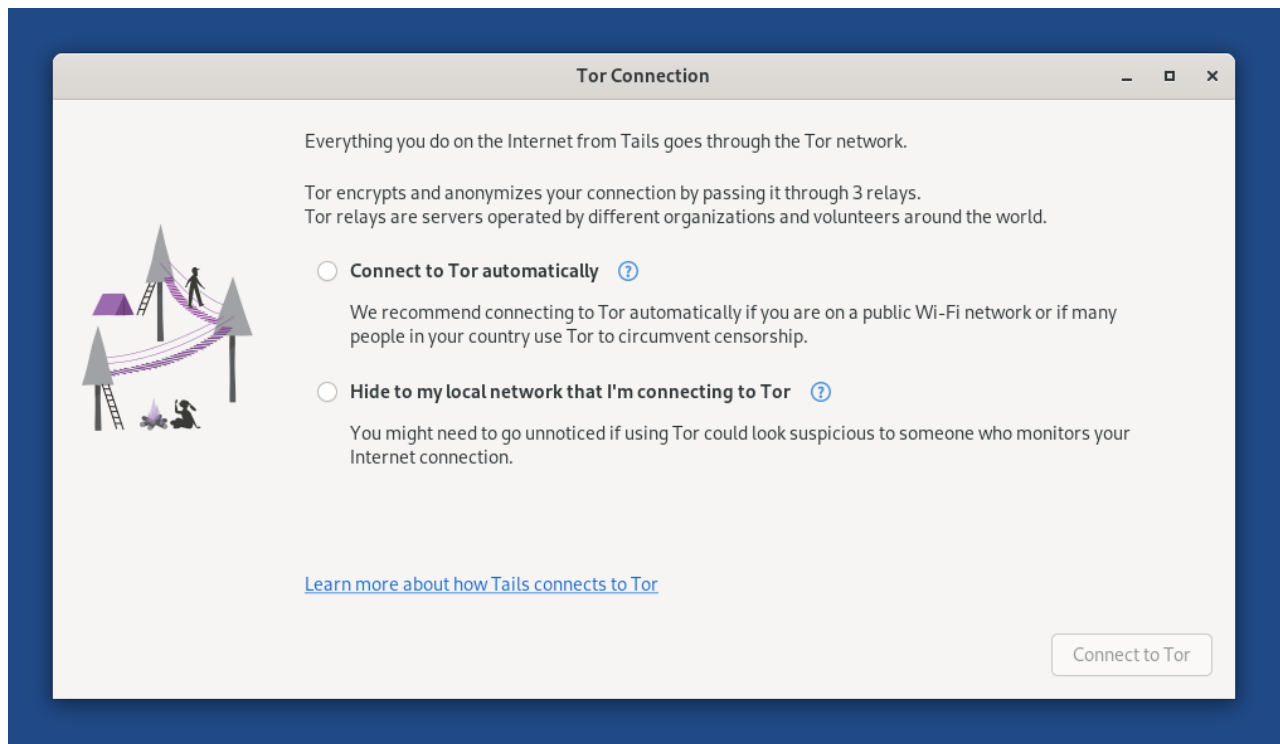
1. Откройте системное меню в правом верхнем углу.



2. Click > on the right of the **Wi-Fi** button.

A list of available Wi-Fi networks appears below the **Wi-Fi** button.

3. After establishing a connection to a local network, the *Tor Connection* assistant appears to help you connect to the Tor network.

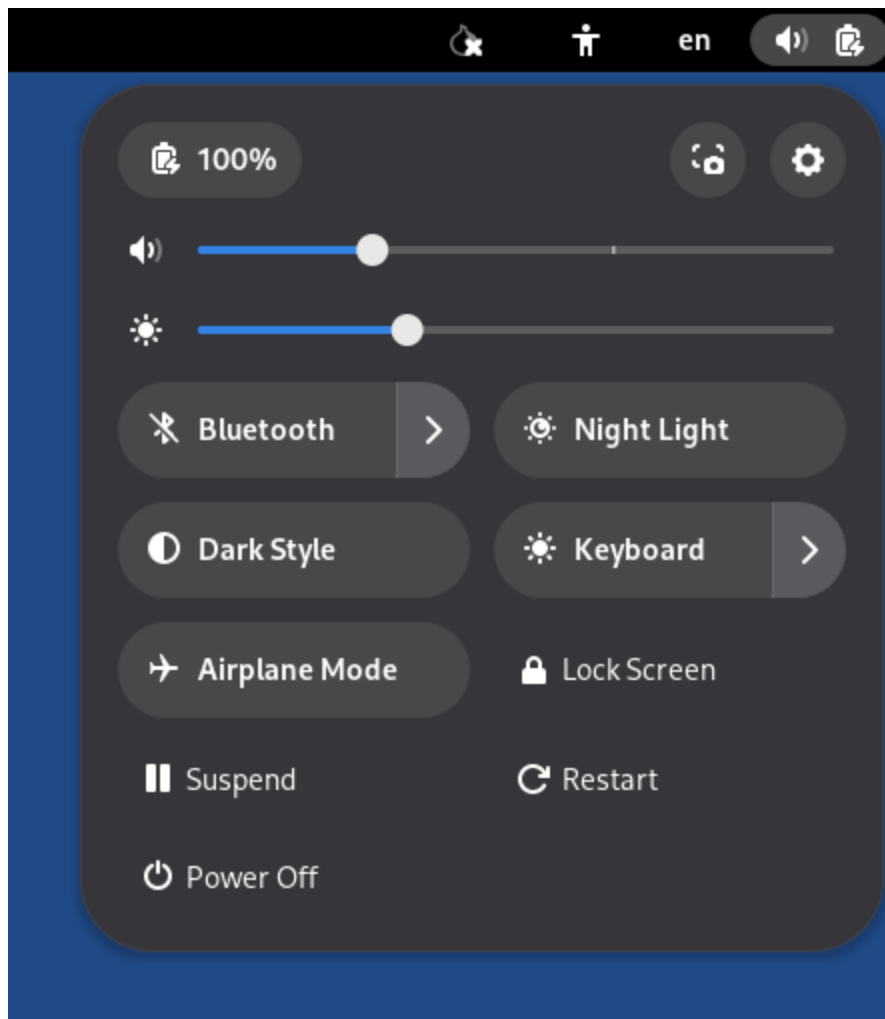


To learn more about the Tor network, go to [Connecting to the Tor network](#).

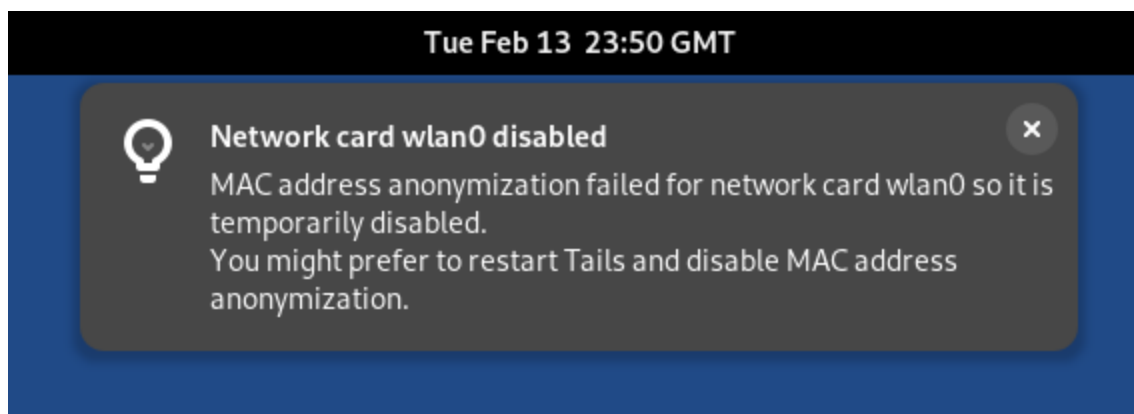
Troubleshooting Wi-Fi not working

If your Wi-Fi interface is not working, you might experience the following:

- There is no **Wi-Fi** menu in the system menu:



- There is a **Wi-Fi** menu in the system menu, but connecting to a Wi-Fi network fails.
- The interface is disabled because MAC address anonymization failed:



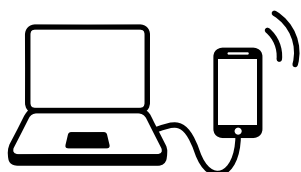
In this case, you can disable MAC address anonymization in the Welcome Screen. Doing so has security implications, so read carefully our [documentation about MAC address anonymization](#).

- The following notification appears:

Activation of network connection failed

Чтобы подключиться к Интернету, можно:

- Использовать Ethernet-кабель вместо wifi (если возможно). Проводные интерфейсы куда более надежны в Tails, чем wifi.
- Раздать соединение wifi со своего телефона. Можно также раздать по USB-кабелю: такое подключение иногда называют *USB tethering*.



См. инструкции для:

- [iPhone или iPad](#)

Only sharing mobile data works on iPhones and iPads; sharing Wi-Fi does not work.

- [Android](#)

Tails cannot hide the information that identifies your phone on the local network. If you connect your phone to a:

- Wi-Fi network: the network can see the MAC address of your phone.

This has security implications that we explain in our [documentation on MAC address anonymization](#). Some phones have a feature to hide the MAC address of the phone.

- Mobile data network: the network is able to know the identifier of your SIM card (IMSI) and the serial number of your phone (IMEI).

- Купите USB-адаптер для wifi, который работает в Tails:
 - Panda Wireless Ultra (\$25)

[Buy on Amazon](#)

- ThinkPenguin TPE-N150USB (\$64)

[Buy on ThinkPenguin](#)

- Check in our list of [known Wi-Fi issues](#) if there is a workaround to get your Wi-Fi interface to work in Tails.

[Русский](#)

Tails

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Tails is made by the [Tor Project](#).

