

# Lab: Add SSH to Repo

**Estimated time:** 15 minutes

## Prerequisites

This hands-on lab requires you to have already generated an SSH key. See the [Generating an SSH key](#) lab for instructions.

## Steps

To add an SSH key to GitHub, you need to copy the SSH key that you generated in the previous lab. Open a terminal and then complete the following steps:

**Note :** Please be aware that these commands are specifically intended for execution in the Git Bash terminal and may not function properly in the regular command prompt.

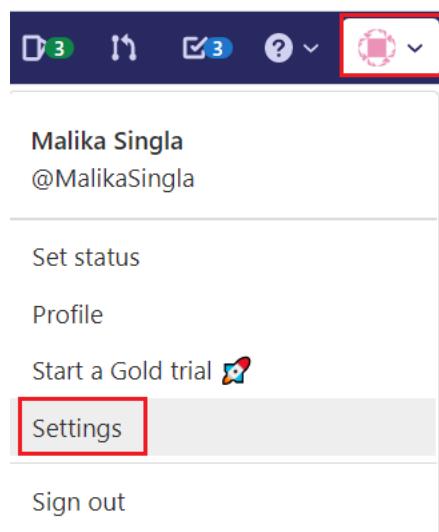
1. In the terminal, run the following command:

```
cat ~/.ssh/id_rsa.pub | clip
```

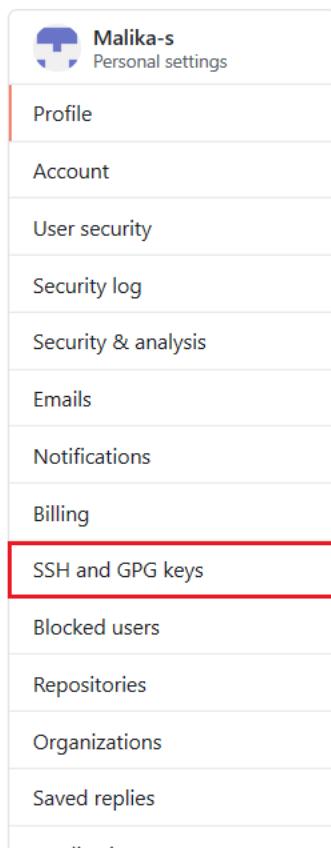
**Note:** If `clip` doesn't work, run `cat ~/.ssh/id_rsa.pub` in the command line and then copy the output.

```
MINGW64:/c/Users/
$ cat ~/.ssh/id_rsa.pub | clip
$ cat ~/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAQABAAQAC4NOJ+KeUvaTZhF1s3EC5bRyw1xs33MUnpPELv3pZ2
vaUV/wWrQGJK3uUJFov2AJI1sS0CRNY61rFpfvOf/238C1kgeJoCTrJS1tXB8UPKq4wbKC24pETJ5St
xQEaWRVPQECPfbrgATV9fUNcqnnPgEpIEJzA1jwJ4tzF0L8C0vv9be7679fz4E0wSSvkUHL2NsbyA
CaAKACFyHfvkboc0568qAHxuqe/ucLTvZzi4ZMgkmnS6E3DvUOCHIL1HphI8oKUTDHNftm1VOZJFOQ
$
```

2. Sign in to GitHub. At the top right, click the drop-down menu on your profile image and select **Settings**.



3. From the "Personal settings" menu, select **SSH and GPG keys**, as shown in the following image:



The screenshot shows the GitHub 'Personal settings' sidebar. The 'SSH and GPG keys' option is highlighted with a red box.

- Profile
- Account
- User security
- Security log
- Security & analysis
- Emails
- Notifications
- Billing
- SSH and GPG keys**
- Blocked users
- Repositories
- Organizations
- Saved replies

## Public profile

### Name

Your name may appear around GitHub where you contribute or are mentioned. You can remove it at any time.

### Public email

Select a verified email to display ▾

You have set your email address to private. To toggle email privacy, go to [email settings](#) and uncheck "Keep my email address private."

### Bio

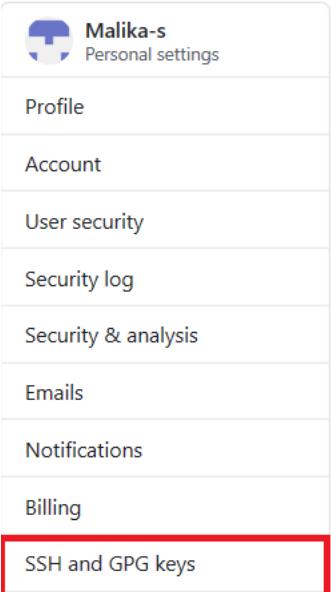
Tell us a little bit about yourself

You can @mention other users and organizations to link to them.

### URL

### Twitter username

4. Click **New SSH key**.



The screenshot shows the GitHub 'SSH keys' page. The 'New SSH' button is highlighted with a red box.

- Profile
- Account
- User security
- Security log
- Security & analysis
- Emails
- Notifications
- Billing
- SSH and GPG keys**

## SSH keys

New SSH

There are no SSH keys associated with your account.

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH Problems](#).

## GPG keys

New GPG

There are no GPG keys associated with your account.

Learn how to [generate a GPG key](#) and add it to your account.

5. Enter a **Title** for the new SSH key. In the **Key** field, paste the key that you copied in step 1 above which should include **Your email address** at the end. Finally, click on **Add SSH Key**:

-  Public profile
-  Account
-  Appearance
-  Accessibility
-  Notifications

#### Access

 Billing and plans

 Emails

 Password and authentication

 Sessions

 SSH and GPG keys

 Organizations

 Enterprises

 Moderation

## Add new SSH Key

### Title

Adding SSH Key

### Key type

Authentication Key

### Key

ssh-rsa

```
AAAAB3NzaC1yc2EAAAQABAAQACQDFdcXqAe49IPu1Aver1Cv03Gg8u8qzXOH  
rlneTu/7N44gz7FXfMyWrTAxxvSQg/hpT7V0liDxMqhPZViULQyIrAOY/uX8aGLcCiww  
bsgvZQkP7HJjQ2Ds8Vr51151l6+FGcqOZS+PNe3kPliqRfxd28/AZVAJPKbPt+xjWq+(  
t9Z66N+UX9YccjTEwVgGHuxMt+atpitXqx65qq5AQx47igr/FrFFOGMwpzntMp5odMI  
RnX5DyyjBhXBbZr6NK+iomXNqk34b3oLuZEGkBcN4I+NxNXDfz3wYICyGf0bNW9vu  
Q9rAvbDTIR4OwHiTlpH9elWe6heyVA4JHW8t8m71RX8AqKRKvj9MhfL12A3u8yCT6Z  
Tzc9gBNbvhw03VldW+WzpsfE/j/o5w== <Your email Address>
```

Add SSH key

6. Enter your Github password in the next window that opens. With this, the SSH key will be added to your account.

## Summary

Congratulations! You have now learned how to add an SSH key to GitHub.

## Tutorial details

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**Skills Network**