

# 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

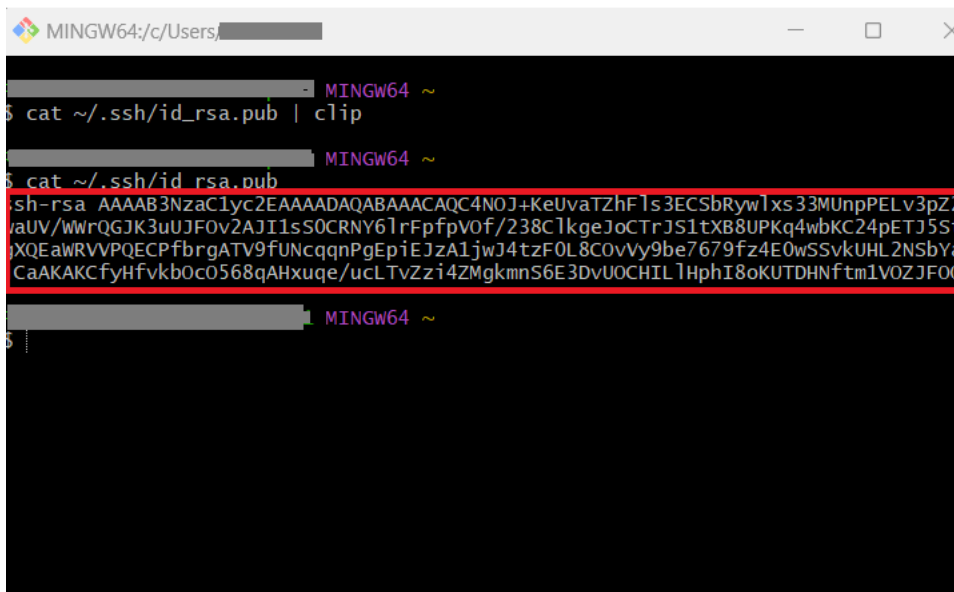
To add an SSH key to GitHub, you need to copy the SSH key that you generated in the previous lab. Open a terminal and then complete the following steps:

**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:

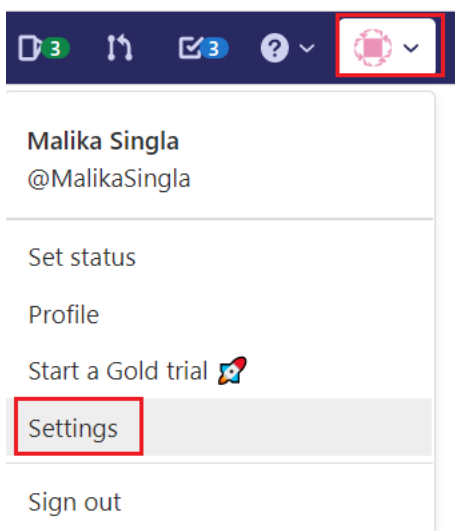
```
cat ~/.ssh/id_rsa.pub | clip
```

**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 AAAAB3NzaC1yc2EAAAADAQABAAQCAQC4N0J+KeUvaTZhf1s3ECsbRyw1xs33MUnpPELv3pZ2  
jaUV/wwrQGJK3uUJFov2AJI1sS0CRNY61rFpfpV0f/238C1kgeJoCTrJS1tXB8UPKq4wbKC24pETJ5St  
XQEawRVVPQECpfbrgATV9fUNCqqnPgEpiEJzA1jwJ4tzF0L8C0vVy9be7679fz4E0wSSvkUHL2NSbYa  
CaAKACfYHfvkb0c0568qAHxuqe/ucLTvZzi4ZMgkmnS6E3DvU0CHIL1HphI8oKUTDHNftm1VOZJF0Q
```

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:

 **Malika-s**  
Personal settings

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**.

 **Malika-s**  
Personal settings

Profile

Account

User security

Security log

Security & analysis

Emails

Notifications

Billing

SSH and GPG keys

## SSH keys

New

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

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

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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
AAAAB3NzaC1yc2EAAAADAQABAAQDfDcXqAe49IPu1Aver1Cv03Gg8u8qz'
rlneTu/7N44gz7FXfMyWrTAxxvSQg/hpT7VoliDxMqhPZViULQylrAOY/uX8aGLcC
bsgvZQkP7HjJQ2Ds8Vr51151l6l+FGcqOZS+PNe3kPliqRfXd28/AZVAJPKbPt+xjV
t9Z66N+UX9YccjTEwVgGHuxMt+atpitXqx65qq5AQx47igr/FrFFOGMwpzntMp5c
RnX5DyyjBhXBbZr6NK+iomXNqk34b3oLuZEGkBCn4I+NxNXDfz3wYlCyGf0bNW
Q9rAvbDTIR4OwHiTlPH9elWe6heyVA4JHW8t8m71RX8AqKRKvj9MhfL12A3u8yC
TZc9gBNbvkhW03VldW+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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