

# 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

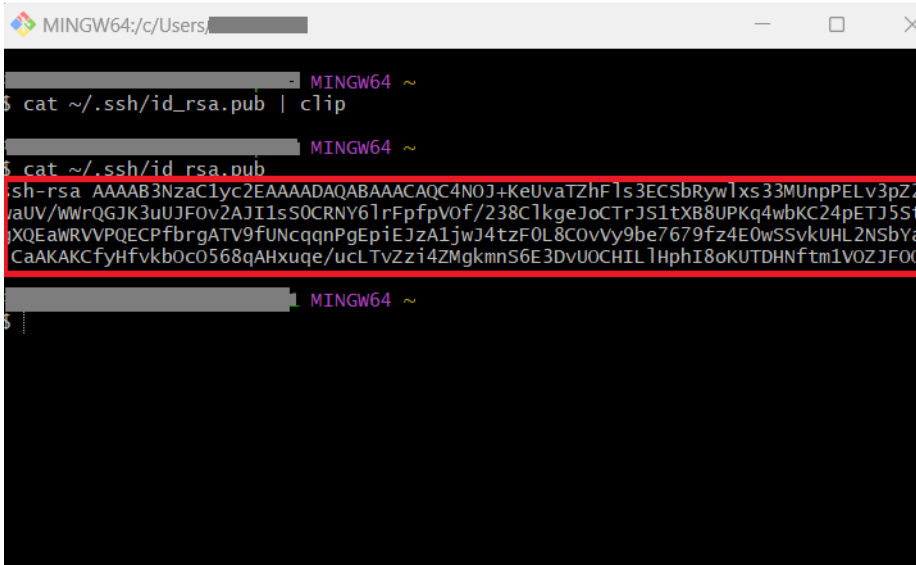
To add an SSH key to GitHub, you need to copy the SSH key that you generated in the previous lab. Open a terminal and then complete the following steps:

**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:

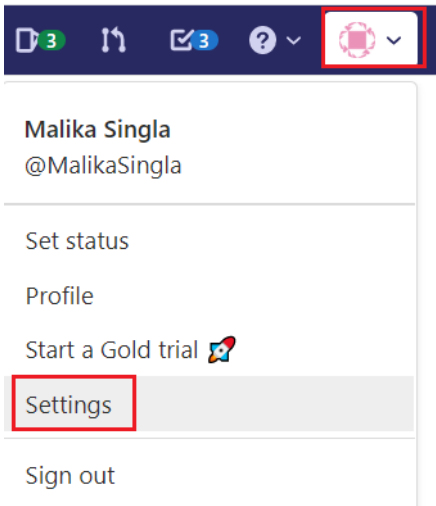
```
cat ~/.ssh/id_rsa.pub | clip
```

**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/wWrQGJK3uUJFov2AJI1s50CRNY61rFfpVof/238C1kgeJoCTrJS1tXB8UPKq4wbKC24pETJ5St
XQEawRVVPQECpfbrgATV9fUNCqpnPgEpiEJzA1jwJ4tzFOL8CovVy9be7679fz4E0wSSvkuHL2NSbYa
CaAKAKCfyHfvkb0c0568qAHxuqe/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 SSH key](#)

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 key](#)

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
AAAAAB3NzaC1yc2EAAAADAQABAAQDAQDFdcXqAe49IPu1Aver1Cv03Gg8u8qzXOHp
rlneTu/7N44gz7FXfMyWrTAxxvSQg/hpT7VOLIxDxMqhPZViULQylrAOY/uX8aGLcCiww8l
bsgvZQkP7HJjQ2Ds8Vr51151l6l+FGcqOZS+PNe3kPliqRfXd28/AZVAJPKbPt+xjWq+Q
t9Z66N+UX9YccjTEwVgGHuxMt+atpitXqx65qq5AQx47igr/FrFFOGMwpzntMp5odME\
RnX5DyyjBhXBbZr6NK+iomXNqk34b3oLuZEGkBCn4l+NxNXDfz3wYlCyGf0bNW9vugr
Q9rAvbDTIR4OwHiTlPH9eWe6heyVA4JHW8t8m71RX8AqKRKvj9Mhfl12A3u8yCT6Zd
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

### Author:

Malika Singla



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