

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

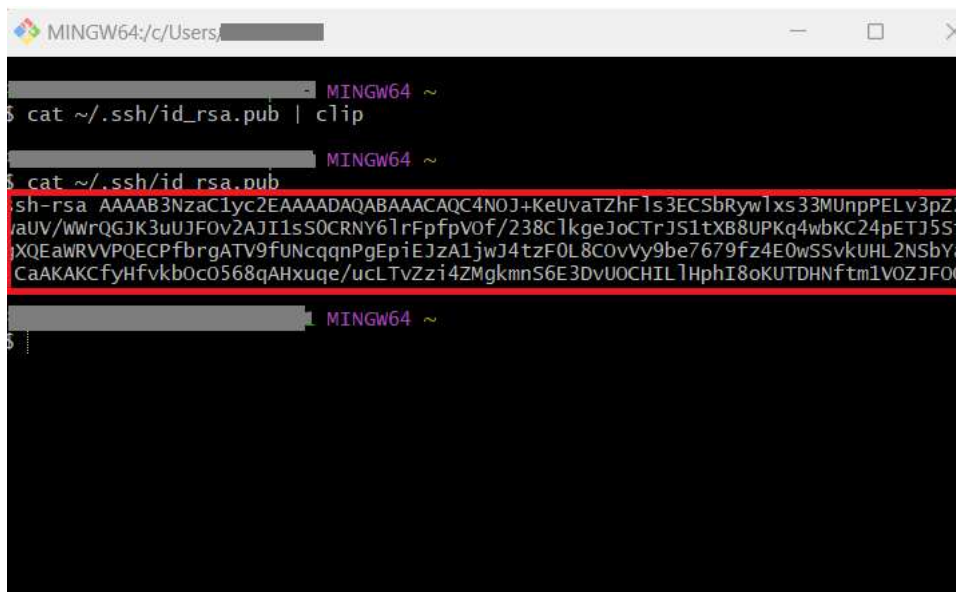
To add an SSH key to GitHub, you need to copy the SSH key that you generated in the previous lab. Open a terminal and then complete the following steps:

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:

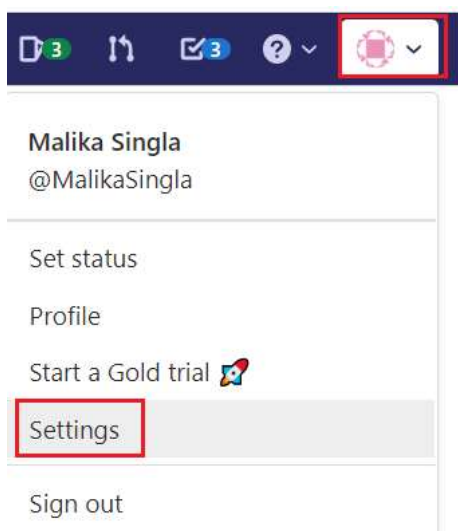
```
cat ~/.ssh/id_rsa.pub | clip
```

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 AAAAB3NzaC1yc2EAAAADAQABAAQCAQC4NOJ+KeUvaTZhf1s3ECsbRyw1xs33MUnpPELv3pZ2
/aUV/wwrQGJK3uUJFov2AJI1sS0CRNY61rFpfpV0f/238C1kgeJocTrJS1tXB8UPKq4wbKC24pETJ5St
XQEawRVVPQECpfbrgATV9fUNCqnpPgEpiEJzA1jwJ4tzF0L8C0vVy9be7679fz4E0wSSvkUHL2NSbYa
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

There are no SSH keys associated with your account.

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

GPG keys

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
AAAAB3NzaC1yc2EAAAADAQABAAQAdFdcXqAe49IPu1Aver1Cv03Gg8u8qz'
rlneTu/7N44gz7FXfMyWrTAXxvSQg/hpT7VoliDxMqhPZViULQylrAOY/uX8aGLcC
bsgvZQkP7HjQ2Ds8Vr51151l6l+FGcqOZS+PNe3kPliqRfXd28/AZVAJPKbPt+xjV
t9Z66N+UX9YccjTEwVgGHuxMt+atpitXqx65qq5AQx47igr/FrFFOGMwpzntMp5c
RnX5DyyjBhXBbZr6NK+iomXNqk34b3oLuZEGkBCn4l+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.

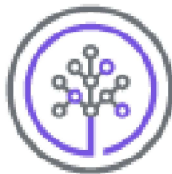
Summary

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

Tutorial details

Author:

Malika Singla



Skills Network