

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

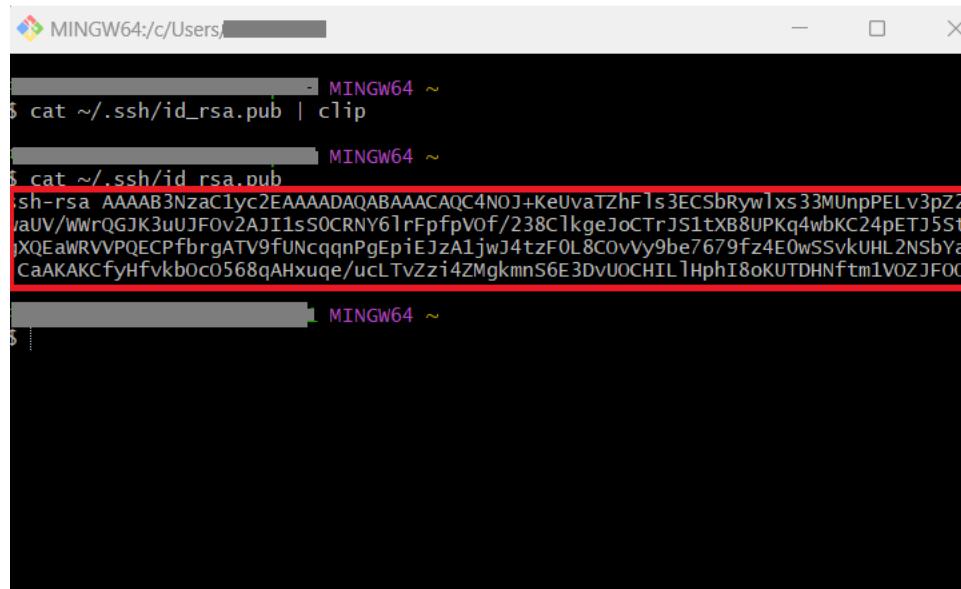
To add an SSH key to GitHub, you need to copy the SSH key that you generated in the previous lab. Open a terminal and then complete the following steps:

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:

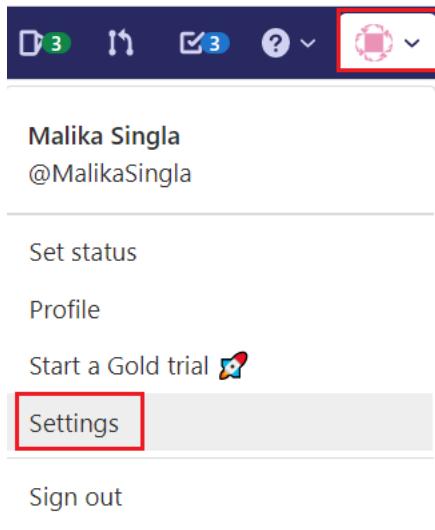
```
cat ~/.ssh/id_rsa.pub | clip
```

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



```
MINGW64:/c/Users/ [~] MINGW64 ~
$ cat ~/.ssh/id_rsa.pub | clip
[REDACTED]
MINGW64 ~
$ cat ~/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAQABAAQAC4NOJ+KeUvaTZhF1s3ECBRYwIx33MUnpPELv3pZ2
jaUV/WWrQGJK3uUJFOv2AJI1s50CRNY61rFpfpvOf/238C1kgeJoCTRJS1tXB8UPKq4wbKC24pETJ5St
jXQEaWRVVPQECPfbrygATV9fUNCqqnPgEpiEJzA1jwJ4tzF0L8C0vVy9be7679fz4E0wSSvkUHL2NSbYa
CaAKACfyHfvkb0c0568qAHxuqe/uclTvZzi4ZMgkmnS6E3DvUOCHIL1hphI8oKUTDHnf1VOZJFOQ
[REDACTED]
MINGW64 ~
$
```

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:

A screenshot of the GitHub "Public profile" settings page for a user named "Malika-s". The left sidebar lists various settings categories: Profile, Account, User security, Security log, Security & analysis, Emails, Notifications, Billing, SSH and GPG keys (which is highlighted with a red box), Blocked users, Repositories, Organizations, and Saved replies. The main content area shows fields for Name, Public email, Bio, URL, and Twitter username, each with descriptive text and input fields.

4. Click **New SSH key**.

The screenshot shows the GitHub 'Personal settings' page under 'SSH and GPG keys'. On the left, a sidebar lists various account management options: Profile, Account, User security, Security log, Security & analysis, Emails, Notifications, Billing, and SSH and GPG keys, which is highlighted with a red box. The main content area has two sections: 'SSH keys' and 'GPG keys'. The 'SSH keys' section contains the message 'There are no SSH keys associated with your account.' and links to 'generating SSH keys' and 'common SSH Problems'. The 'GPG keys' section contains the message 'There are no GPG keys associated with your account.' and a link to 'generate a GPG key and add it to your account'. Both sections feature a green 'New [key type] key' button, with the 'New SSH key' button specifically highlighted with a red box.

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

Key type

Authentication Key

Key

ssh-rsa

```
AAAAB3NzaC1yc2EAAAQABAAQACQDFdcXqAe49IPu1Aver1Cv03Gg8u8qzXOHp1J9yFQE8kgcxqElQqk6VlzáxdKWlYKx7VIU51W  
rlneTu/7N44gz7FXfMyWrTAXxvSQg/hpT7VOliDxMqhPZViULQylrAOY/uX8aGLcCiww8IPCNMv4s0DezoJkN+q0RwW2PK5ccO/Z0xi2F  
bsgvZQkP7HjQ2Ds8Vr51151l6l+FGcqOZS+PNe3kPliqRfxd28/AZVAJPKbPt+xjWq+Qr907jY6o4z3V4xAKYD3gaoWLqQNXLJSJWQaj  
t9Z66N+UX9YccjTEwVgGHuxMt+atpitXqx65qq5AQx47igr/FrFFOGMwpzntMp5odMEY53iK08K+DPGd/ceAyevZ5tuZC4OMH85BP8s  
RnX5DyyjBhXBbZr6NK+iomXNqk34b3oLuZEGkBn4I+NxNXDfz3wYICyGf0bNW9vugqTy7Uv+A7ZKuqe4DSRfiSr1c72zoJqRYm8dY-  
Q9rAvbDTIR4OwHiTlpH9elWe6heyVA4JHW8t8m71RX8AqKRKyj9MhfL12A3u8yCT6Zda19kb9E5HBkLAS8Au7M155id+ovoCv9imr45I  
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