Authentication / Connect with SSH / Add a new SSH key

Free, Pro, & Team ▾

Adding a new SSH key to your GitHub account

To configure your account on GitHub.com to use your new (or existing) SSH key, you'll also need to add the key to your account.

Mac   **Windows**   Linux

Before adding a new SSH key to your account on GitHub.com, you should have:

- Checked for existing SSH keys
- Generating a new SSH key and adding it to the ssh-agent

After adding a new SSH key to your account on GitHub.com, you can reconfigure any local repositories to use SSH. For more information, see "Switching remote URLs from HTTPS to SSH."

> **Note:** GitHub is improving security by dropping older, insecure key types.
>
> DSA keys (`ssh-dss`) are no longer supported. Existing keys will continue to function through March 15, 2022. You cannot add new DSA keys to your user account on GitHub.com.
>
> RSA keys (`ssh-rsa`) with a `valid_after` before November 2, 2021 may continue to use any signature algorithm. RSA keys generated after that date must use a SHA-2 signature algorithm. Some older clients may need to be upgraded in order to use SHA-2 signatures.

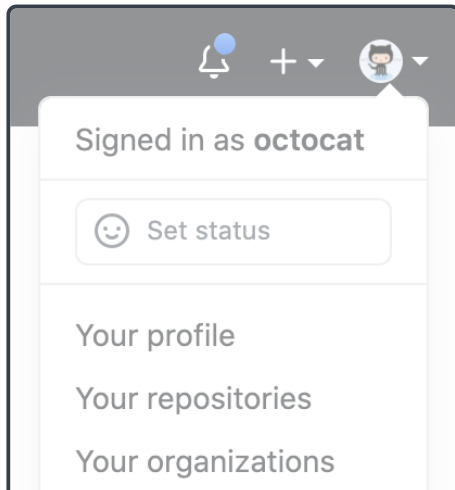**Web browser**   GitHub CLI

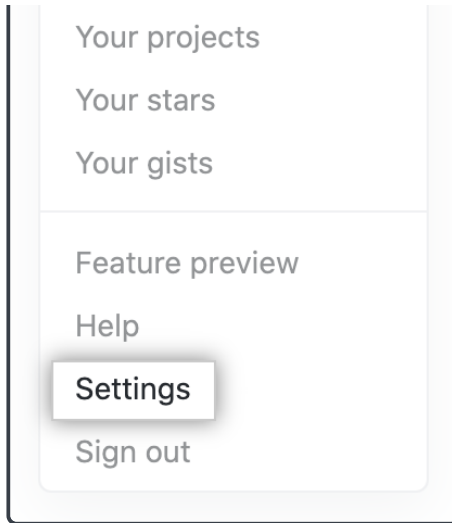1   Copy the SSH public key to your clipboard.

     If your SSH public key file has a different name than the example code, modify the filename to match your current setup. When copying your key, don't add any newlines or whitespace.

```
$ clip < ~/.ssh/id_ed25519.pub
# Copies the contents of the id_ed25519.pub file to your clipboard
```
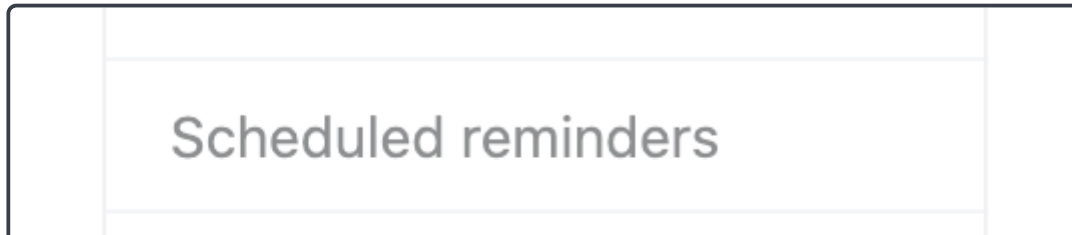
> **Tip:** If `clip` isn't working, you can locate the hidden `.ssh` folder, open the file in your favorite text editor, and copy it to your clipboard.
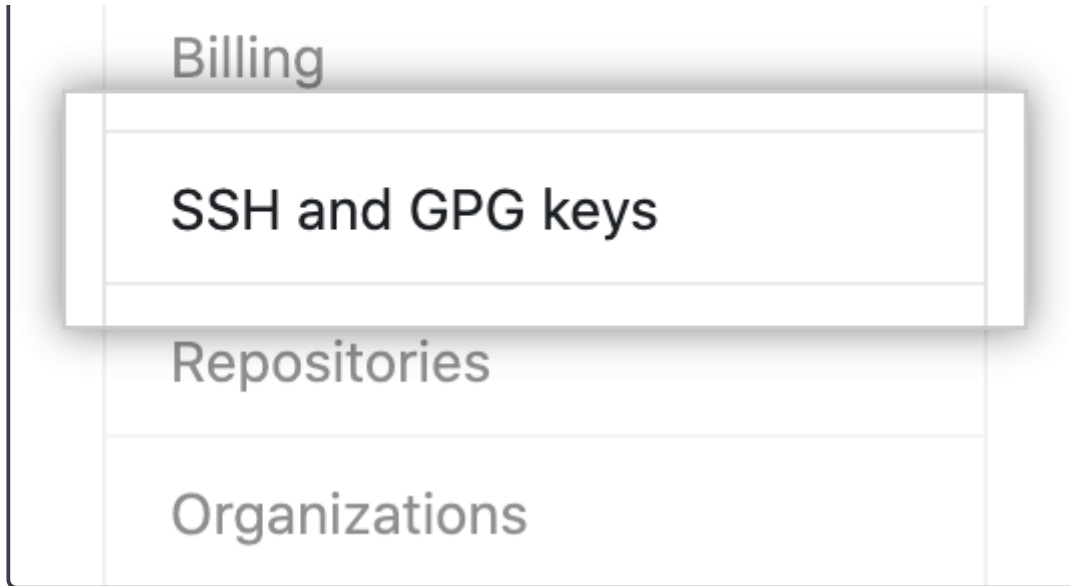
2   In the upper-right corner of any page, click your profile photo, then click **Settings**.
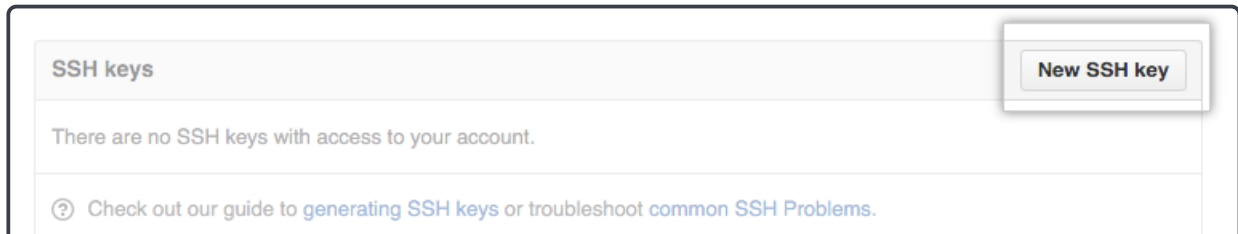
Your projects

Your stars

Your gists

Feature preview

Help

Settings

Sign out

3   In the user settings sidebar, click **SSH and GPG keys**.

Scheduled reminders

Billing

SSH and GPG keys

Repositories

Organizations
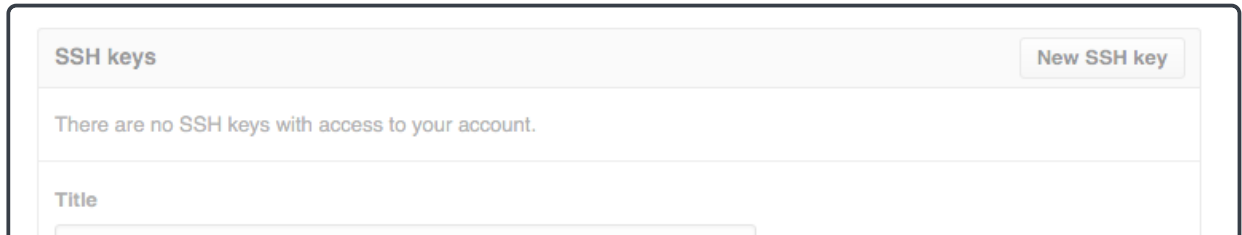
Click **New SSH key** or **Add SSH key**.

4

SSH keys

There are no SSH keys with access to your account.

New SSH key

⑦ Check out our guide to generating SSH keys or troubleshoot common SSH Problems.

5   In the "Title" field, add a descriptive label for the new key. For example, if you're using a personal Mac, you might call this key "Personal MacBook Air".

6   Paste your key into the "Key" field.

SSH keys   New SSH key

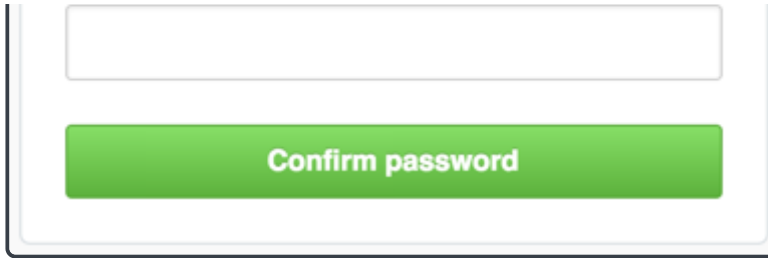There are no SSH keys with access to your account.

Title

Key

Begins with 'ssh-rsa', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', 'ecdsa-sha2-nistp521', 'ssh-ed25519', 'sk-ecdsa-sha2-nistp256@openssh.com', or 'sk-ssh-ed25519@openssh.com'

Add SSH key

⑦ Check out our guide to generating SSH keys or troubleshoot common SSH Problems.

7 Click **Add SSH key**.

Add SSH key

8 If prompted, confirm your GitHub password.

Further reading

- "Authorizing an SSH key for use with SAML single sign-on"