

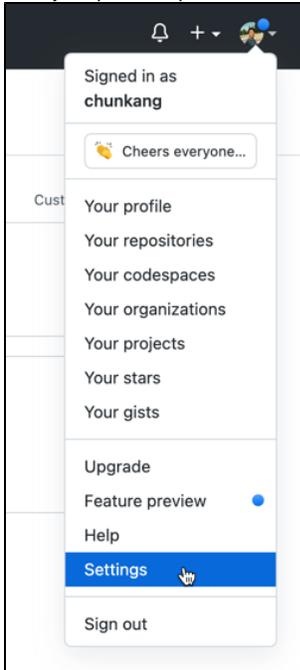
# Clone GitHub Repository in Token

GitHub seems like removed password authentication as of August 13, 2021, and personal access token is recommended by their policy. Below is the error message when I run git clone

```
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
```

To create a Personal Access Token through the GitHub online portal, you will need to follow below steps

1. Log into GitHub
2. Click your personal picture the the right hand menu and navigate to Settings Developer settings Personal access tokens Generate new token





**Chun Kang**

Your personal account [Switch to another account](#)

**Public profile**

- Account
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- Notifications

Access

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- Password and authentication
- SSH and GPG keys
- Organizations
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Code, planning, and automation

- Repositories
- Packages
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- Code security and analysis

Integrations

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**GitHub Apps**

OAuth Apps

**Personal access tokens**

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GitHub Apps

OAuth Apps

**Personal access tokens**

### Personal access tokens

Generate new token

Need an API token for scripts or testing? [Generate a personal access token](#) for quick access to the GitHub API.

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

3. You can select your required features, and below is for repository access

**New personal access token**

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

**Note**

CK-Repo-Token

What's this token for?

**Expiration \***

No expiration ▾ The token will expire on Fri, May 6 2022

**Select scopes**

Scopes define the access for personal tokens. [Read more about OAuth scopes](#).

<input checked="" type="checkbox"/>	repo	Full control of private repositories
<input checked="" type="checkbox"/>	repo:status	Access commit status
<input checked="" type="checkbox"/>	repo_deployment	Access deployment status
<input checked="" type="checkbox"/>	public_repo	Access public repositories
<input checked="" type="checkbox"/>	repo:invite	Access repository invitations
<input checked="" type="checkbox"/>	security_events	Read and write security events

4. If everything goes fine, you will get your token like below:

**Personal access tokens** Generate new token Revoke all

Tokens you have generated that can be used to access the [GitHub API](#).

Make sure to copy your personal access token now. You won't be able to see it again!

✓ [Redacted Token] Copy Delete

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

To clone with the personal token,

```
$ git clone https://${TOKEN}:x-oauth-basic@github.com/MyUser/MyRepo.git
```

And below is an exmple shell script based in zsh

```
#!/bin/zsh
git config --global user.name "Chun Kang"
git config --global user.email "ck@ckii.com"
GITHUB_USER_TOKEN=your_user_token
git clone https://$GITHUB_USER_TOKEN:x-oauth-basic@github.com/ck/ck.io.git
```