





Authentication

**This version of GitHub Enterprise was discontinued on 2023-03-15.** No patch releases will be made, even for critical security issues. For better performance, improved security, and new features, <u>upgrade to the latest version of GitHub Enterprise</u>. For help with the upgrade, <u>contact GitHub Enterprise support</u>.

# **Authentication documentation**

Keep your account and data secure with features like two-factor authentication, SSH, and commit signature verification.



### Start here

### Generating a new SSH key and adding it to the ssh-agent

After you've checked for existing SSH keys, you can generate a new SSH key to use for authentication, then add it to the ssh-agent.

### Managing your personal access tokens

You can use a personal access token in place of a password when authenticating to GitHub in the command line or with the API.

## **Configuring two-factor authentication**

You can choose among multiple options to add a second source of authentication to your account.

### Popular

### **Troubleshooting SSH**

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## Adding a new SSH key to your GitHub account

### Displaying verification statuses for all of your commits

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### EMU innersource restricted users private beta is now guest collaborators

June 21

June 09

## Guides @

## Recovering your account if you lose your 2FA credentials

If you lose access to your two-factor authentication credentials, you can use your recovery codes, or another recovery option, to regain access to your account.

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## **Error: Permission denied (publickey)**

A "Permission denied" error means that the server rejected your connection. There could be several reasons why, and the most common examples are explained below.

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# Creating a strong password

Secure your account on your GitHub Enterprise Server instance with a strong and unique password using a password manager.

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# All Authentication docs &

## Keeping your account and data secure

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Error: Permission denied (publickey)

Error: Bad file number
Error: Key already in use

Error: Permission to user/repo denied to other-user

Error: Permission to user/repo denied to user/other-repo

Error: Agent admitted failure to sign Error: ssh-add: illegal option -- K

Error: Unknown key type

Error: We're doing an SSH key audit

### **Managing commit signature verification**

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Checking for existing of a keys

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Using a verified email address in your GPG key

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