# Signing commits

You can sign commits locally using GPG or S/MIME.

> **Note:** [GitHub Desktop](#) only supports commit signing if your Git client is configured to sign commits by default.

> **Tips:**
>
> To configure your Git client to sign commits by default for a local repository, in Git versions 2.0.0 and above, run `git config commit.gpgsign true`. To sign all commits by default in any local repository on your computer, run `git config --global commit.gpgsign true`.
>
> To store your GPG key passphrase so you don't have to enter it every time you sign a commit, we recommend using the following tools:
>
> - For Mac users, the [GPG Suite](#) allows you to store your GPG key passphrase in the Mac OS Keychain.
> - For Windows users, the [Gpg4win](#) integrates with other Windows tools.
>
> You can also manually configure [gpg-agent](#) to save your GPG key passphrase, but this doesn't integrate with Mac OS Keychain like ssh-agent and requires more setup.

If you have multiple keys or are attempting to sign commits or tags with a key that doesn't match your committer identity, you should [tell Git about your signing key](#).

1. When committing changes in your local branch, add the -S flag to the git commit command:

```
$ git commit -S -m "YOUR_COMMIT_MESSAGE"
# Creates a signed commit
```

2. If you're using GPG, after you create your commit, provide the passphrase you set up when you [generated your GPG key](#).

3. When you've finished creating commits locally, push them to your remote repository on GitHub Enterprise Server:

```
$ git push
# Pushes your local commits to the remote repository
```

4. On GitHub Enterprise Server, navigate to your pull request.

5. On the pull request, click ⚬ **Commits**.

# Fix broken links #35787

⇅ Open   **octocat** wants to merge 2 commits into `main` from `octocat-branch` ⧉

---

💬 Conversation  7        ⦿ Commits  2        ☑ Checks  34        ⊞ Files changed  3

---

⑥  To view more detailed information about the verified signature, click **Verified.**

**Update README.md**

🐱 **octocat** committed on Sep 2, 2022 ✓       [ Verified ]   ⧉   `2f410e1`   `<>`

# Further reading 🔗

- "[Telling Git about your signing key](#)"
- "[Signing tags](#)"

**Legal**

© 2023 GitHub, Inc.       [Terms](#)       [Privacy](#)       [Status](#)       [Pricing](#)       [Expert services](#)       [Blog](#)