

# Access and Authentication - FAQ

To set git username and password, use the following commands.

```
$git config --global user.name "Your Name"
$git config --global user.email "youremail@yourdomain.com"
```

## **Issue:**

While trying to do a repository initialization, the user will be prompted for a password.

## **Example console log:**

Password for '<https://code.rdkcentral.com>': remote: Unauthorized fatal: Authentication failed for '<https://<username>@code.rdkcentral.com/r/manifests/>'

## **Possible reasons and solutions:**

- Not having a valid RDK Credential
  - Obtain valid RDK credentials : Users must have a valid RDK Central Credentials. To register use the link below
    - *RDK Central Registration Link* - <https://wiki.rdkcentral.com/signup.action>
- User registration without valid company email address
  - Users must belong to a licensed company to be able to clone and checkout the manifest. You must register with valid company email address to gain access to manifest if your company is listed as a licensee. To verify if your company is licensed, please check in the following wiki page - [Licensees](#).
- Account is inactive/disabled -
  - Account may have been deactivated/disabled either due to inactivity (60 days) or password has expired - Accounts can be activated using self service. Login to [wiki.rdkcentral.com](https://wiki.rdkcentral.com) with the username, you will see a message with a link to activate your account. Click on the link to activate your account. If you are still facing issues with activating your account, please email [support@rdkcentral.com](mailto:support@rdkcentral.com). Please update your password after it has been activated.
- Account is active, but still getting the password reset error.
  - Unable to login to [code.rdkcentral.com](https://code.rdkcentral.com) with username (All LOWERCASE) and password - If you are getting authentication failure, it is possible that your email address is linked with another username that you have used previously or you have logged in to [code.rdkcentral.com](https://code.rdkcentral.com) with a mixed case username. Either case, you can email to [support@rdkcentral.com](mailto:support@rdkcentral.com) to mitigate this issue.
  - Able to login to [code.rdkcentral.com](https://code.rdkcentral.com) with username/password - try and browse this repo -<https://code.rdkcentral.com/r/admin/repos/components/generic/mediaframework> . If you are not able to browse this repo, you can email to [support@rdkcentral.com](mailto:support@rdkcentral.com) to mitigate this issue. if you are able to browse the repo, but unable to clone the it is probably an environment issue. Check your .netrc file

Update the credentials in \$HOME/.netrc file, a sample of the file is given below

**.netrc**

machine [code.rdkcentral.com](https://code.rdkcentral.com) login <user-name> password <Password>

## **Issue:**

In few incidents, the user may not be having the required permission to download the code although having a valid combination of username/password combination.

## **Example console log:**

Username for '<https://code.rdkcentral.com>': rdknewuser

Password for '<https://rdknewuser@code.rdkcentral.com>':

fatal: remote error: Service not enabled

fatal: cannot obtain manifest <https://code.rdkcentral.com/r/manifests>

## **Possible Solution:**

Approach RDK support with the necessary approval to get the requested privilege.

**GitHub no more supports direct password login** and allows only **Personal Access tokens**. To generate a new token,

- Goto <https://github.com> -> Settings -> Developer Settings -> Personal Access Tokens
- Click on Generate a new token. You should be able to see a access new token on your UI.
- Please copy the new token and add it to ~/.netrc file as given below
- machine [github.com](https://github.com) login <github-handle> password <new github access token>

Eg: machine [github.com](https://github.com) login sampleuser password ghp\_73ozr1OhWvUI1htuRCVwPyWF4Va1234ABCD

## **GitHub Workflow Steps:**

- *Create a Fork* by simply clicking on the 'fork' button of the repository page on GitHub.
- *Clone your Fork*, the clone command creates a local git repository from your remote fork on GitHub.
- *git clone* <https://github.com/USERNAME/REPOSITORY.git>
- *Modify the Code* in your local clone, and commit the changes to your local clone using the git commit command.
- *Push your Changes* by invoking the git push command, from your workspace, to upload your changes to your remote fork on GitHub.
- *Create a Pull Request* by clicking the 'pull request' button on the GitHub page of your remote fork.

**Possible reasons and solutions:**

If you are already using the Personal Access Token and getting a 403, chances are that the *token has auto-expired*.

You can generate a new token in Github by going to "<https://github.com> -> Settings -> Developer Settings -> Personal Access Tokens", Clicking on "Generate a new token" and then replacing your old token inside the ~/.netrc file with the newly generated one.