

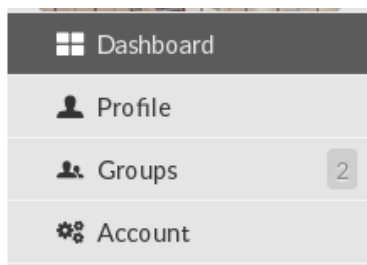
## How to add public/private key for SFTP file transfers to and from <https://datacenterhub.org>

1. If you don't already have one, create an SSH key pair. You can use an internet search based on your computer OS to find the necessary instructions.

e.g., in Linux

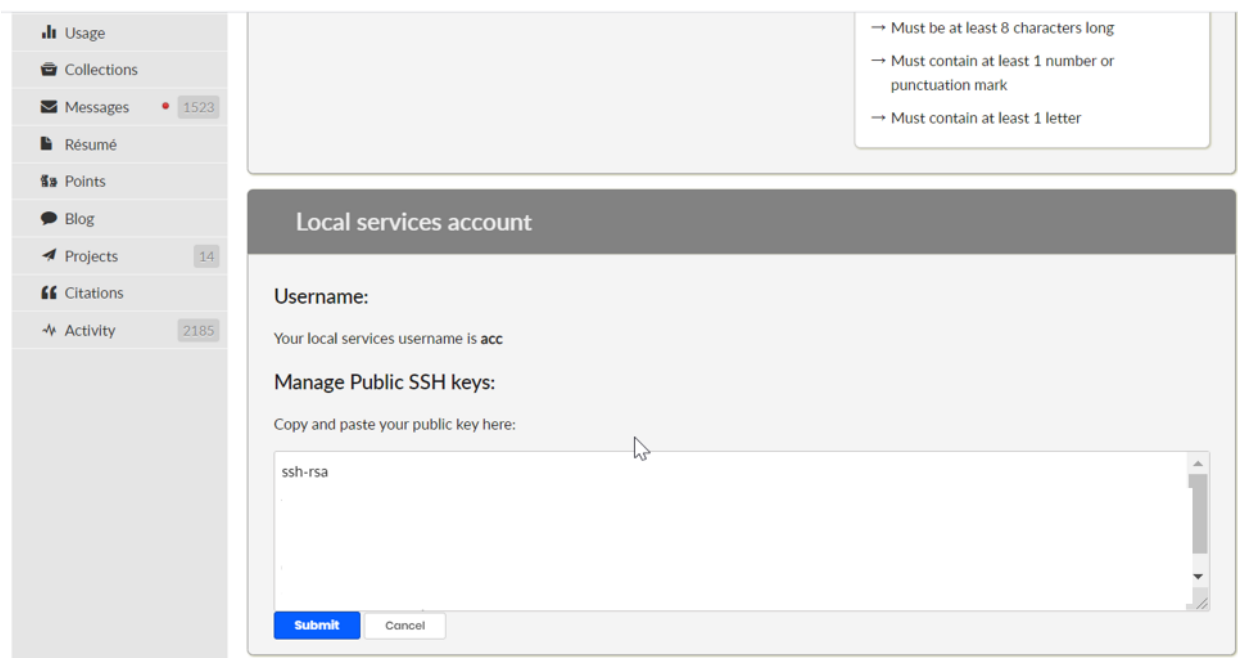
```
ssh-keygen -t rsa -b 3072 -C "created `date +%Y-%m-%d` for datacenterhub.org access"
```

2. Go to your <https://datacenterhub.org> "Account" page,



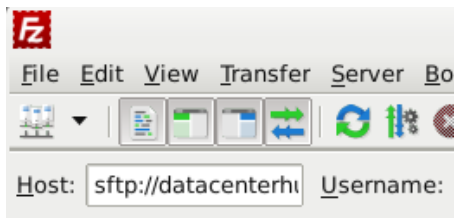
Use the navigation in the left column of your Hubzero dashboard to find and click on Account.

3. In Account, scroll down to copy and paste the public key to your Account page in the "Local services account" section

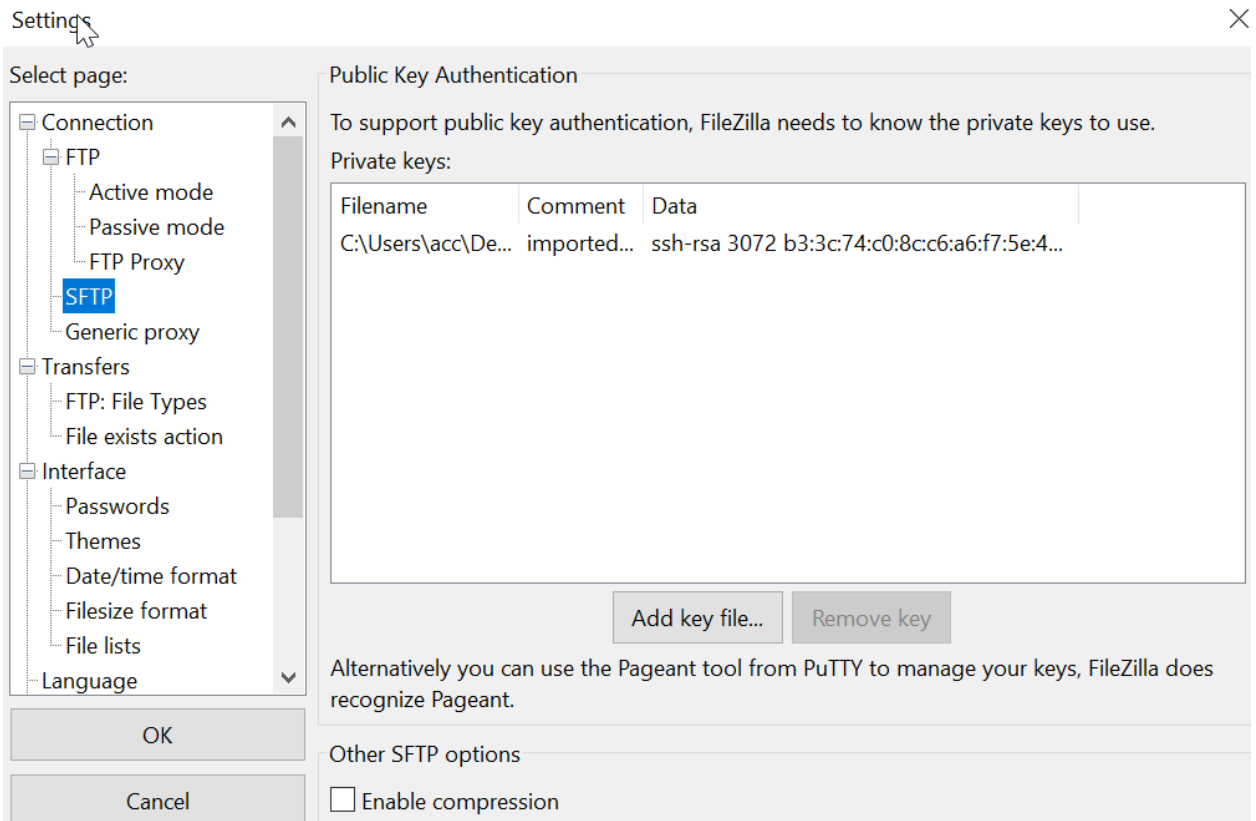
A screenshot of the Hubzero 'Local services account' page. The page has a left sidebar with navigation items: Usage, Collections, Messages (1523), Résumé, Points, Blog, Projects (14), Citations, and Activity (2185). The main content area is titled 'Local services account' and contains a 'Username:' section with the text 'Your local services username is acc'. Below this is a 'Manage Public SSH keys:' section with the instruction 'Copy and paste your public key here:'. A text input field contains the text 'ssh-rsa'. To the right of the input field is a box with three validation rules: '→ Must be at least 8 characters long', '→ Must contain at least 1 number or punctuation mark', and '→ Must contain at least 1 letter'. At the bottom of the form are 'Submit' and 'Cancel' buttons.

4. In your SFTP client, add the private key filename to your SFTP client

e.g., in FileZilla,



Click to **Edit > Settings**, then click on **SFTP** under **Connection** and click to **Add key file**



5. Use your SFTP client to login to `sftp://datacenterhub.org`

6. Click on **SFTP\_Upload\_here** to upload files to the DEEDS server repository for your dataset.

7. Click on **SFTP\_BagIt\_here** to get to dataset BagIt downloads.