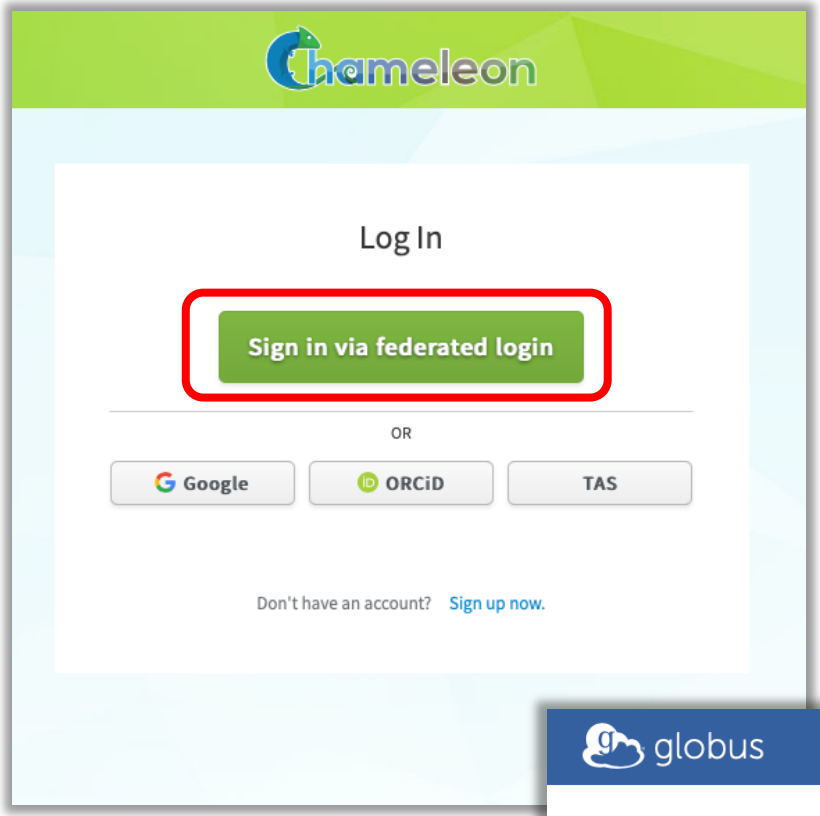
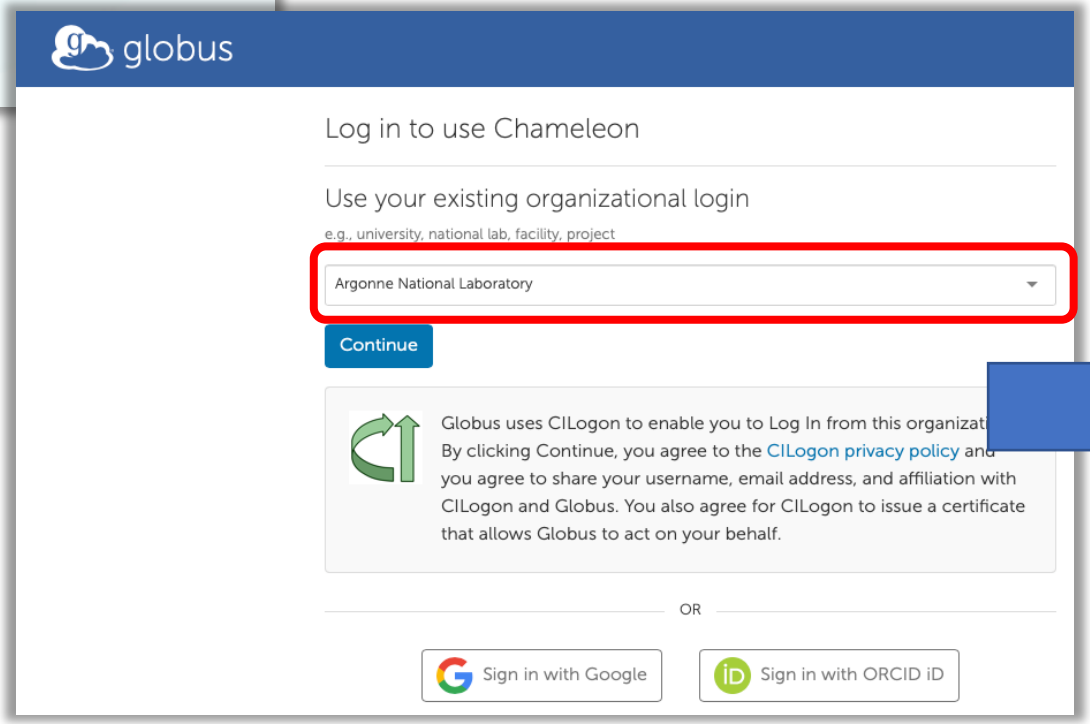
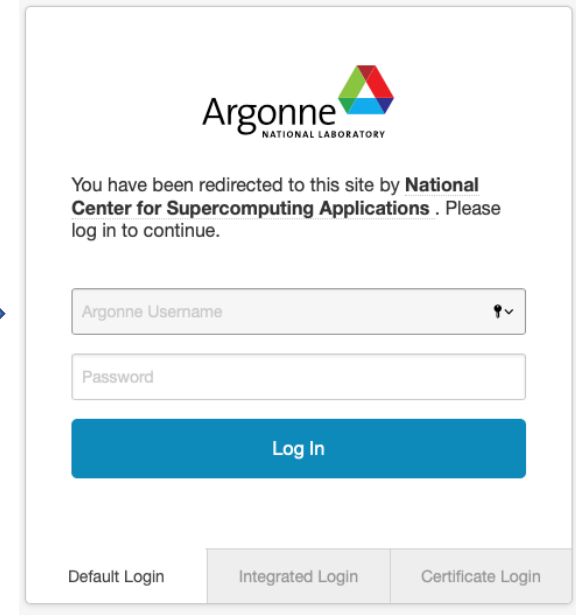
How to lease chameleon cloud

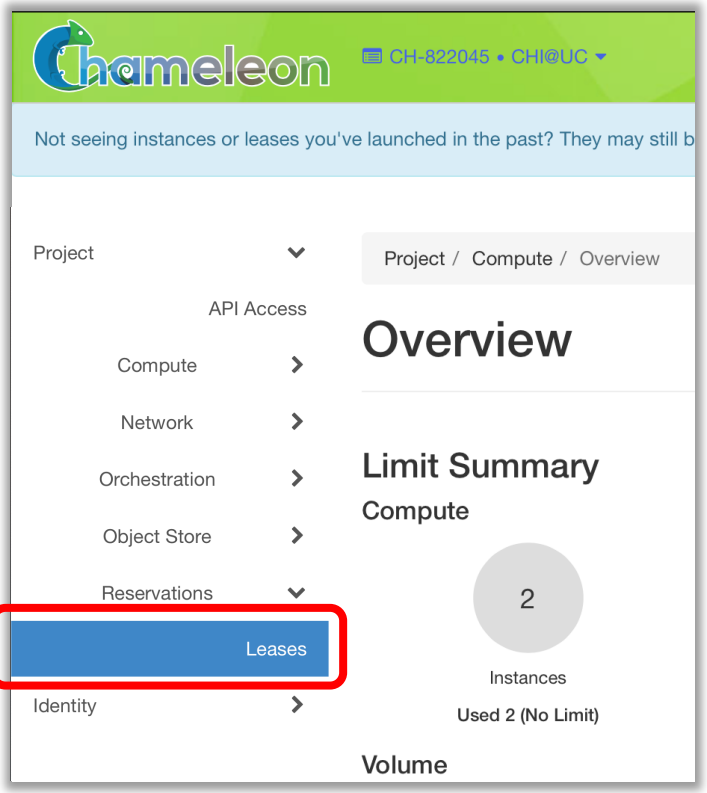
Welcome all!



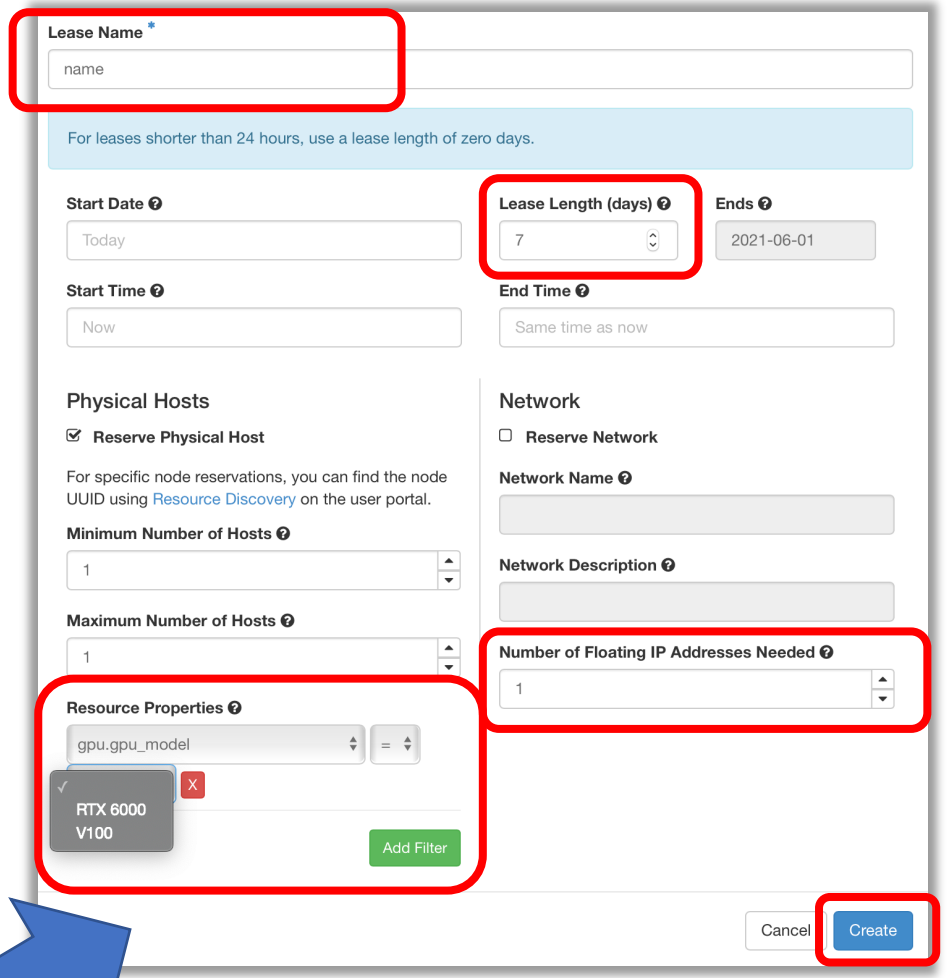
- Step1:
  - Go to chameleon webpage chi.uc.chameleoncloud.org
  - Click sign in via federated login
- Step 2:
  - Log in through globus, with your organization name – Mostly it would be ‘Argonne National Laboratory’, but If you don’t know, ask to Rajesh
  - Log in through Argonne auth

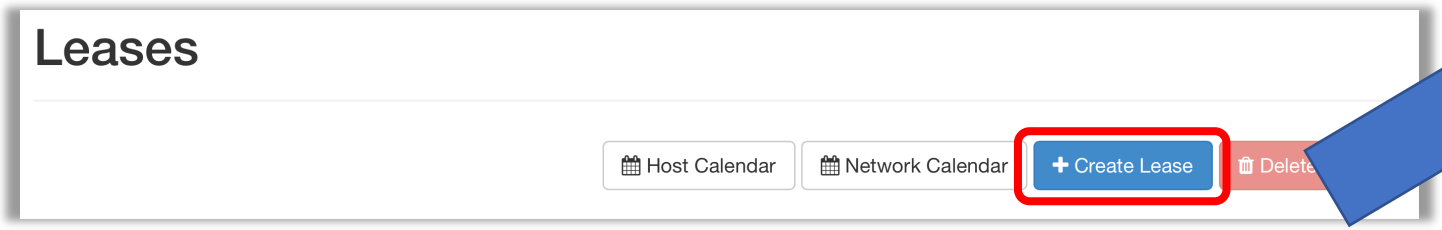




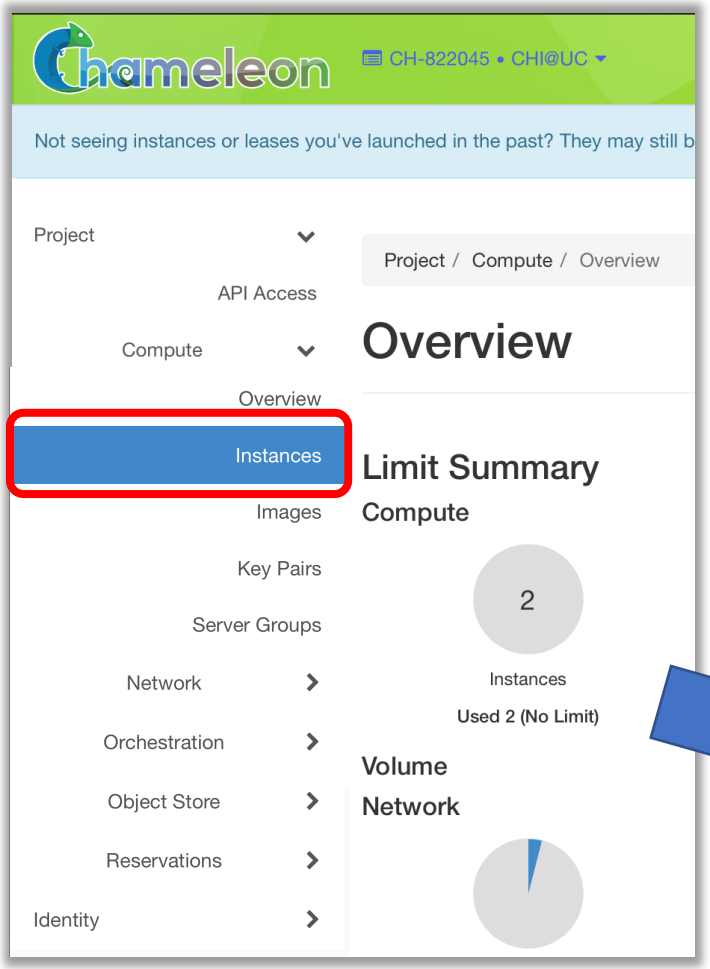


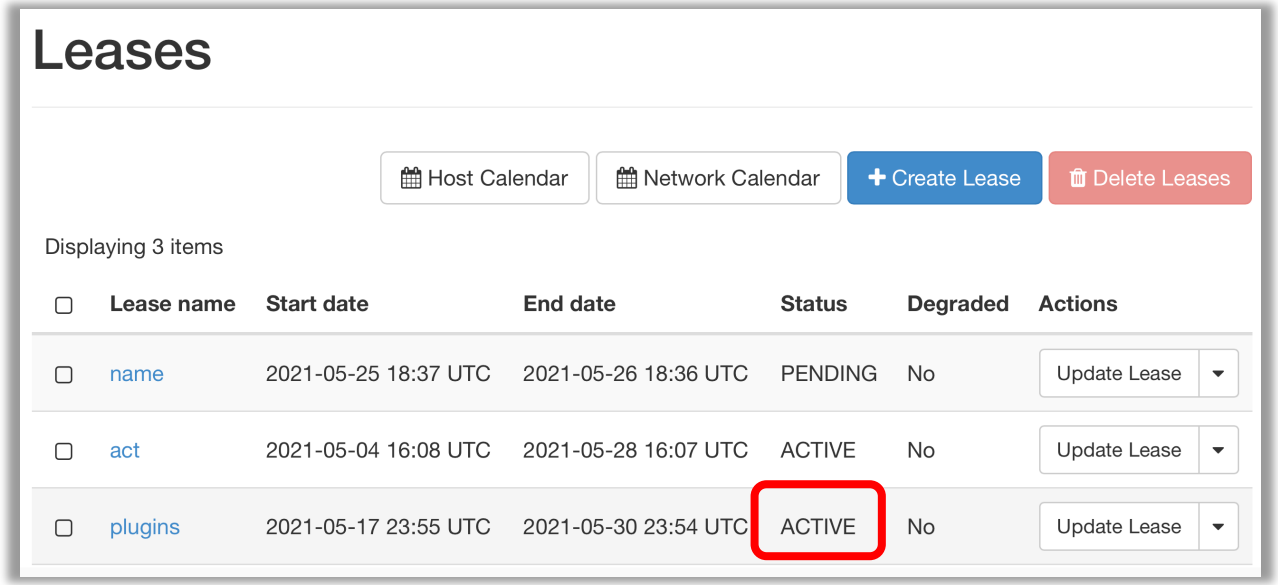
- Step3:
  - From project menu click ‘Reservations – leases’
  - And click ‘create lease’
- Step 4:
  - Write in
    - Lease Name
    - Lease Length (max 7days)
    - Select resource properties – if you are going to use gpu, you can select gpu model, number of gpus, or randomly create one
    - Ask I floating IP to access from your computer
  - And create it

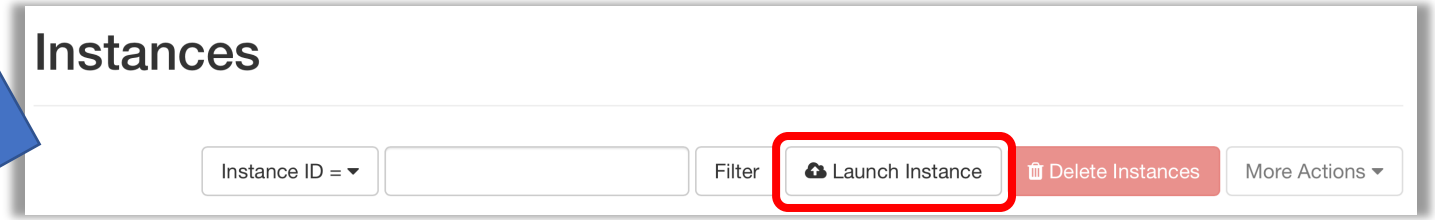




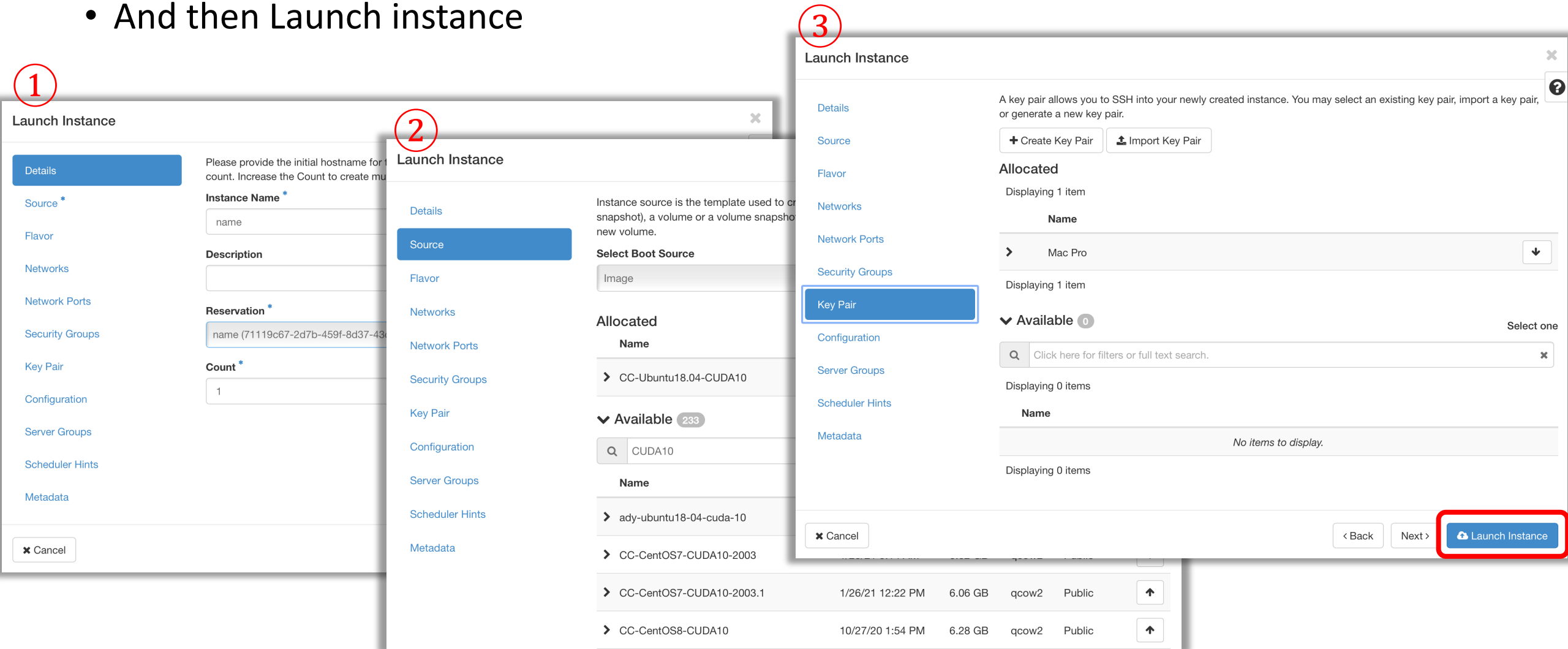
- Step 5: When your Lease became ’ACTIVE’
  - Go to Compute – instances
  - And click ‘Launch Instance’



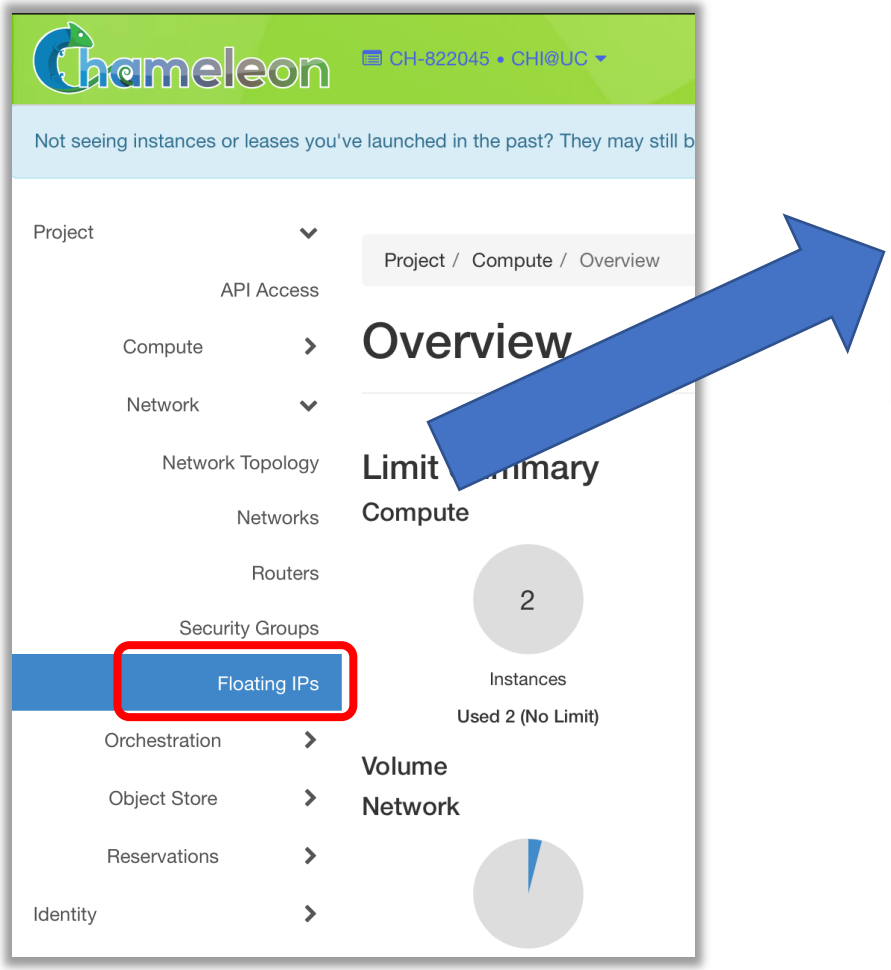


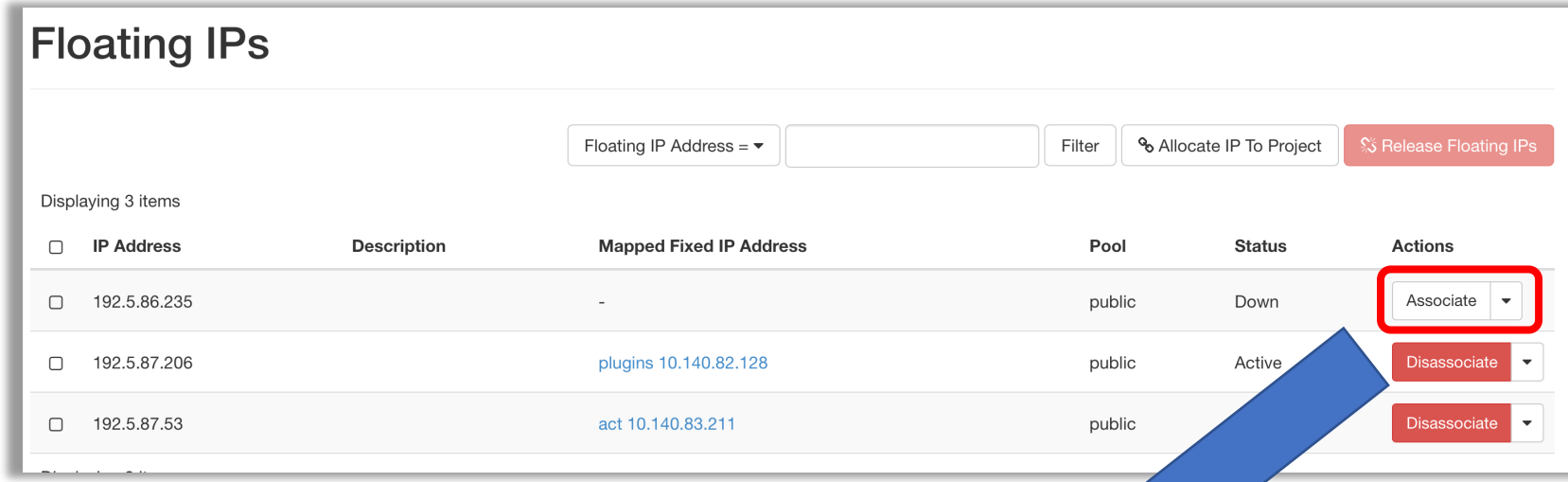


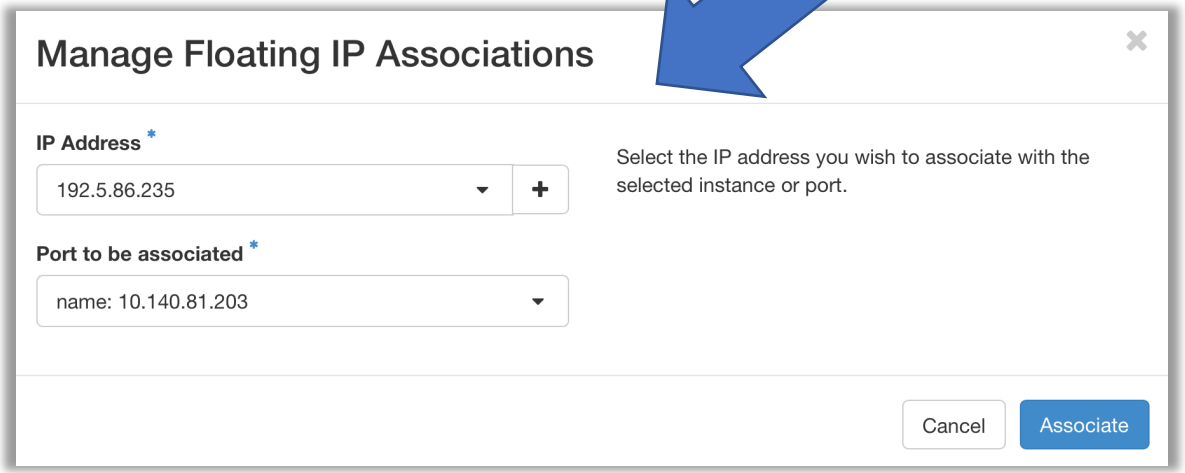
- Step 6: In Launch Instance
  - Detail: Pair instance name and reservation (lease)
  - Source: Select OS (CUDA10 and 11 are available, Ubuntu 18.04 recommended)
  - Key Pair: Import you ssh key in the system using ‘import Key Pair’
  - And then Launch instance



- Step 7:
  - Go to ‘Network – Floating IPs’
  - Click Associate on new Floating IP
  - Pair the IP to your instance







- Then now you have your Chameleon instance
- Additional information:
  - In ‘Reservations – leases’, you can check what instances are available now by clicking ‘Host Calendar'