

Putty for Research Cloud

Putty is an SSH tool for Windows. We have seen people struggle with it's user interface and we like to recommend other tools instead:

- [GitHub Desktop for Research Cloud](#)
- [MobaXterm for Research Cloud](#)

If you want to use Putty, here are the instructions.

Preparation

Make sure you have putty installed with the Pageant software.

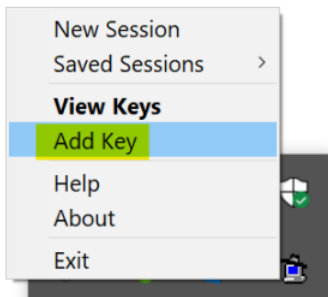
SSH key creation

You can create a SSH key pair using putty's sibling application [PuTTYgen](#).


Install an existing key pair

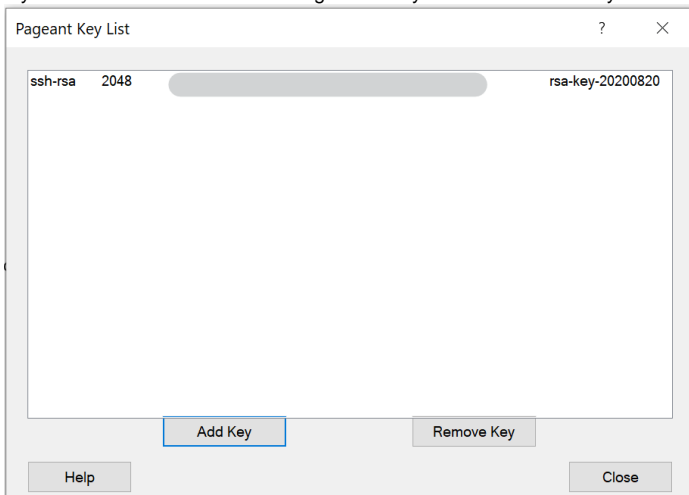
1. Open the Pageant software.

2. In your startmenu right click on the  Pageant icon and select 'Add key'

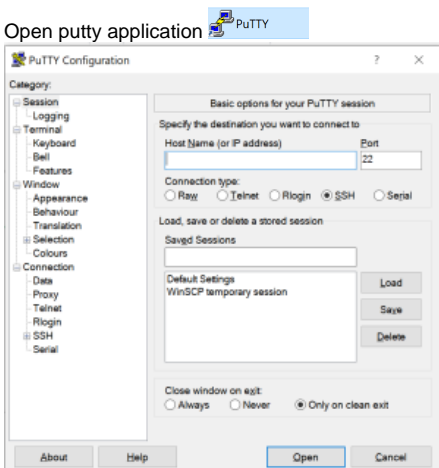


3. Browse to the public key and open the file enter the password and click OK.

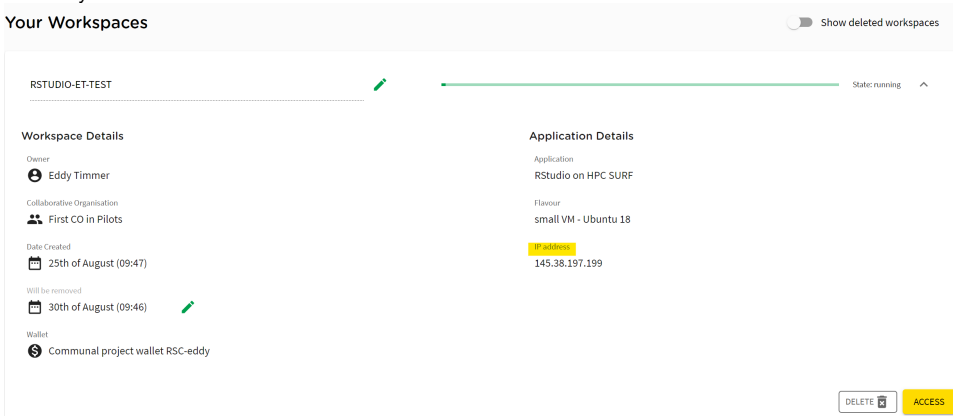
4. If you double click on the  Pageant icon you should see the key has been loaded.



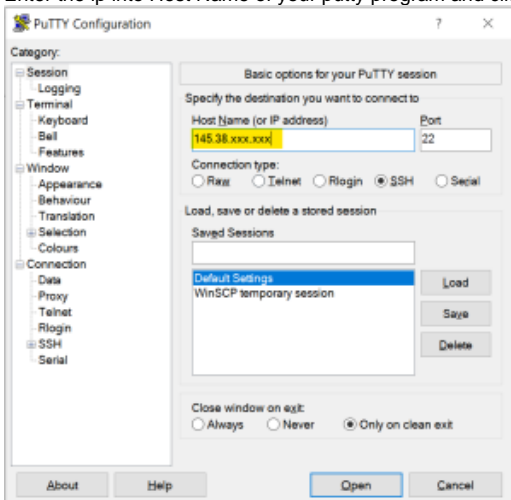
5. Open putty application



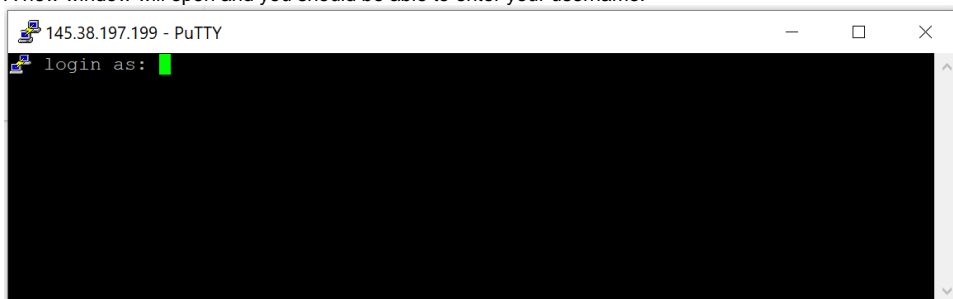
6. Enter the ip address of the VM that you like to access. You can find the ip by opening the RCS webportal go to your workspaces and collaps the VM that you like to access.



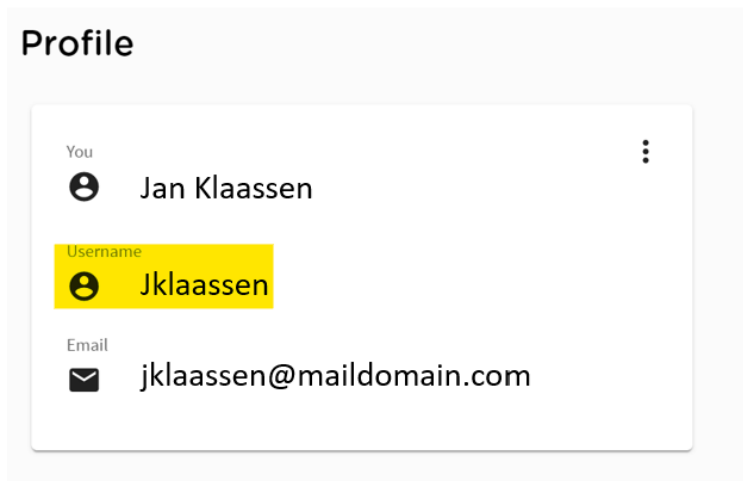
7. Enter the ip into Host Name of your putty program and click on "Open"



8. A new window will open and you should be able to enter your username.



9. You can find your username in the RSC webportal in the PROFILE section.



10. Once you have successfully accessed the server you should see something like this:

```
login as: jklaassen
Authenticating with public key "rsa-key-20200820" from agent
Welcome to Ubuntu 18.04.4 LTS (GNU/Linux 4.15.0-109-generic x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage

System information as of Tue Aug 25 08:59:43 UTC 2020

System load:  0.0               Processes:    89
Usage of /:   6.3% of 48.29GB   Users logged in: 1
Memory usage: 3%               IP address for ens3: 192.168.0.4
Swap usage:   0%

* Are you ready for Kubernetes 1.19? It's nearly here! Try RC3 with
  sudo snap install microk8s --channel=1.19/candidate --classic
  https://microk8s.io/ has docs and details.

64 packages can be updated.
38 updates are security updates.

*** System restart required ***
Last login: Tue Aug 25 07:58:19 2020 from 145.100.19.27
etimmer@a04b00e1-3913-43fe-bb3e-5b2227fcf3c9:~$
```