

How to set up the bastion host to login into the Sonic Cluster – Windows

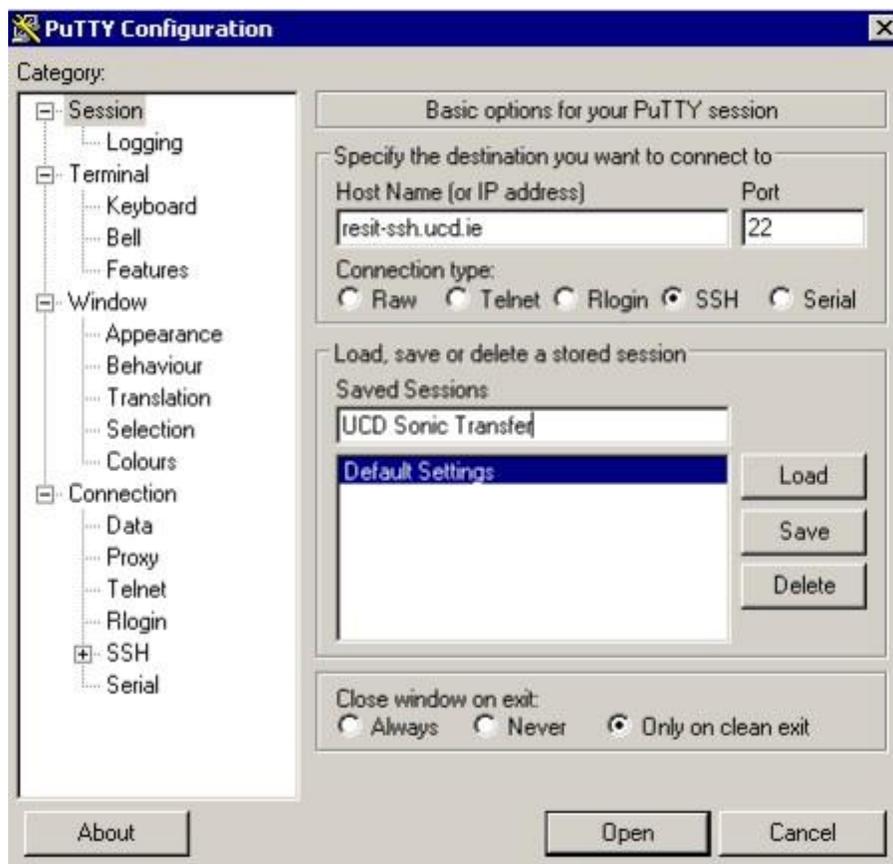
Please ensure you have an account on the bastion host and Sonic to complete these steps.

To get an account on the Bastion Host, please log in to www.ucd.ie/ithelp, and click “Get Help”, and request access to the Bastion Host using the form.

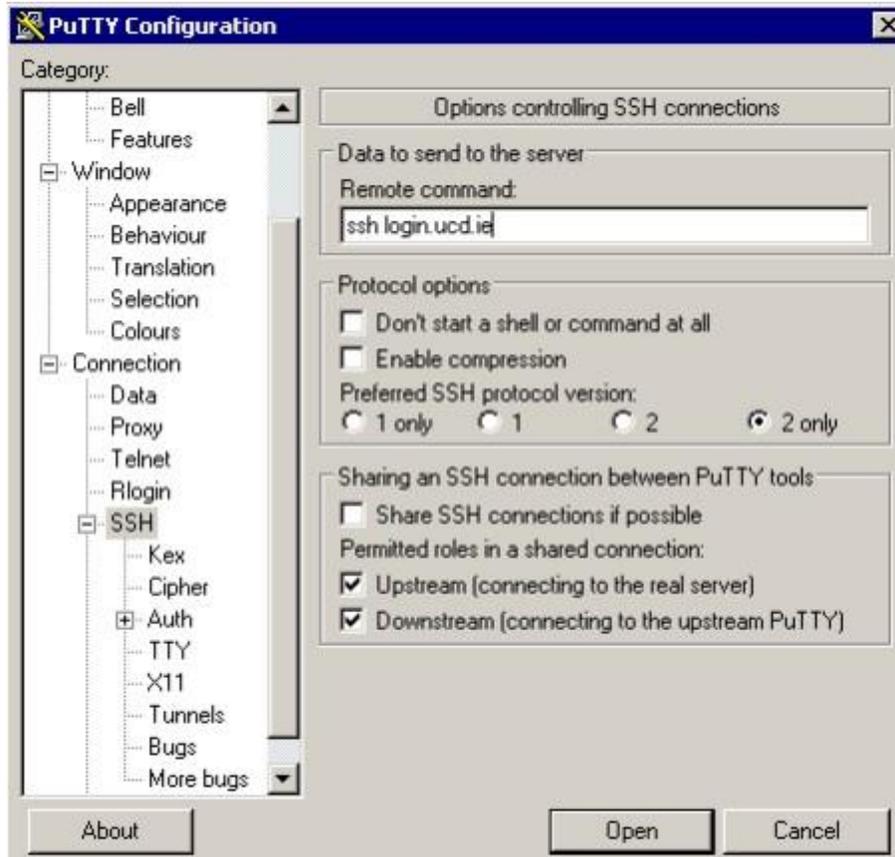
To get access the the Sonic HPC, log in to www.ucd.ie/ithelp, click “Request Something”, and search for “New HPC Account Request” in the “Research IT” category.

To connect to Sonic via the Bastion Host:

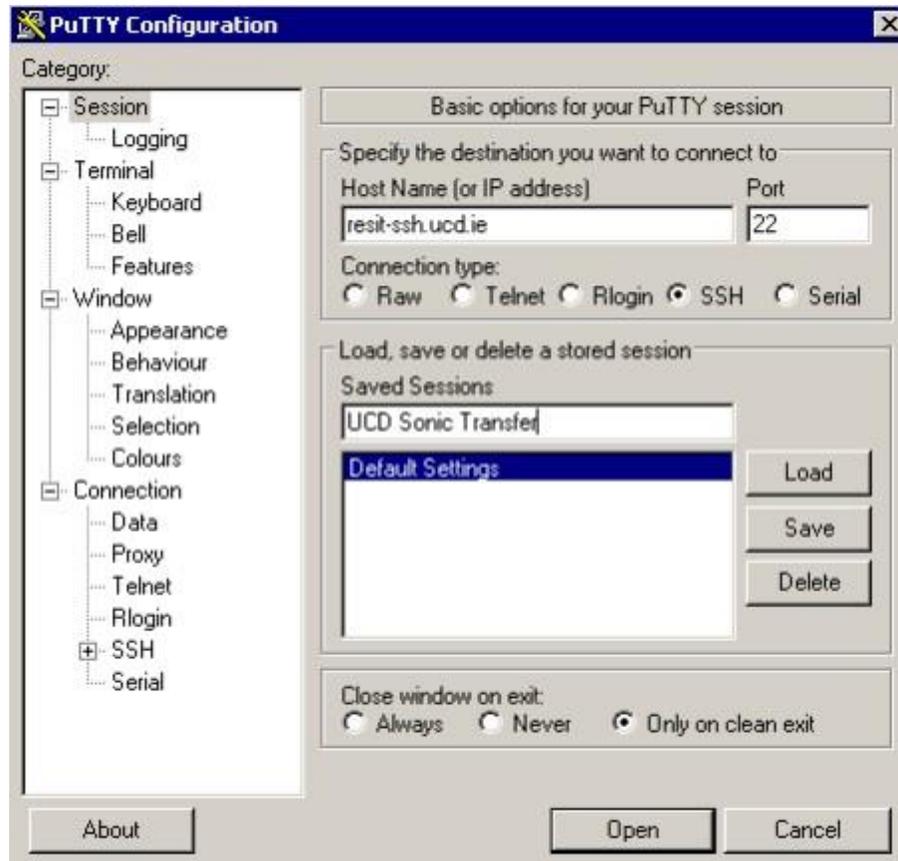
- 1) Download and install Putty
- 2) Fill out the setting as below with hostname as `resit-ssh.ucd.ie` and UCD Sonic Tunnel into Saved Sessions



- 3) In the left-hand navigation tree, click Connection > SSH > Tunnels. Enter the port that you want to connect to locally (this can be any high number port you want e.g 9880) under “Source port”
- 4) In the “Destination” field enter login.ucd.ie:9880 or whatever port number you used in step 3
- 5) Click Add



- 6) To make this session automatically log into Sonic . On the left-hand navigation select Connections > SSH. Under “Remote command” enter SSH login.ucd.ie



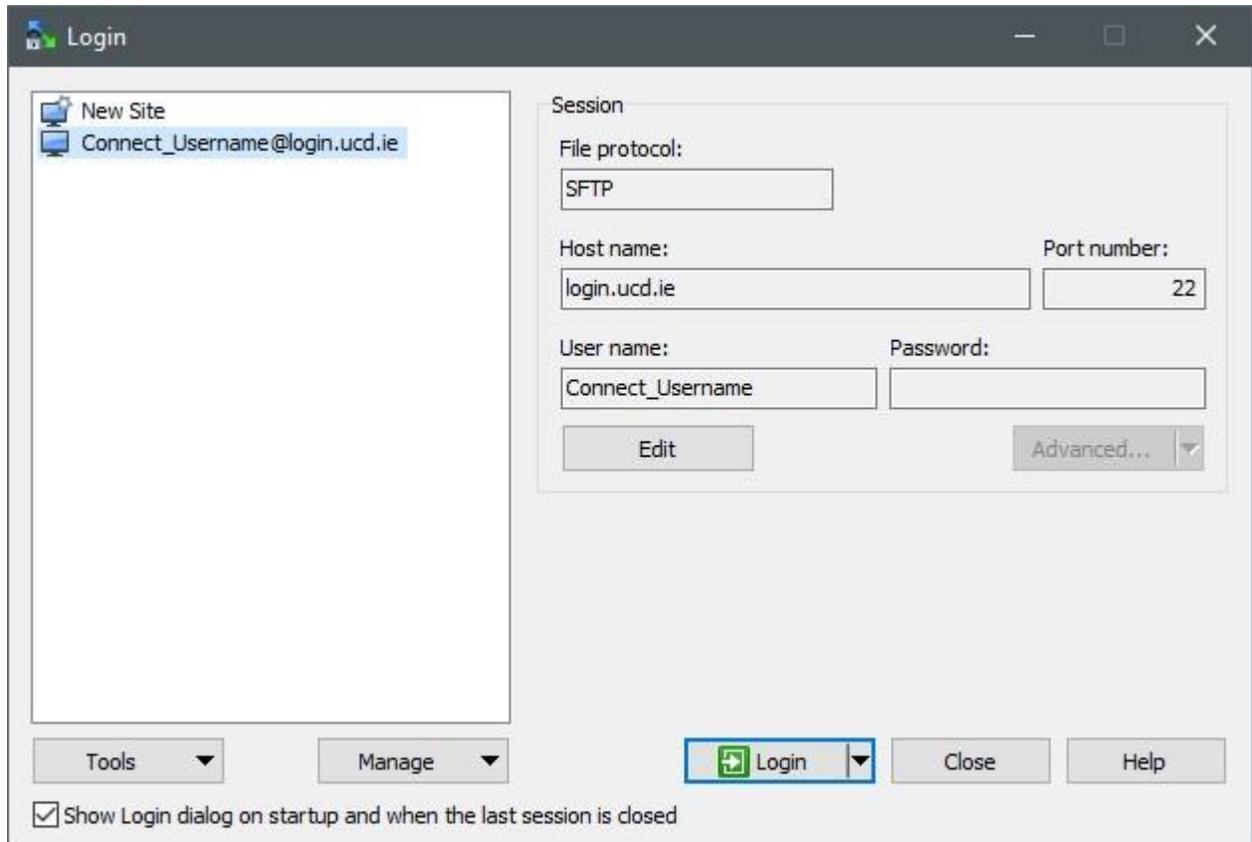
- 7) On left hand navigation to back to the top and select “Session “. Click “Save” to ensure you don’t need to enter all these details every time you log in and then Click “Open”

- 8) This brings you first to the login screen for resit-ssh and once you enter your UCD Connect credentials it drops you to login.ucd.ie where you again enter your UCD Connect credentials

- 9) Now you are on the sonic cluster. In further you can just open putty select UCD Sonic tunnel select load and you go straight to step 8

Transferring Data in and out of Sonic through the Bastion Host using WinSCP

- 1) [WinSCP](#) is the tool we recommend for transferring data to and from Sonic for Windows users.
- 2) Create a new connection to the Sonic cluster using your [connectusername@login.ucd.ie](#) (sonic.ucd.ie will also work for connections to the Sonic as they resolve to the same IP address)

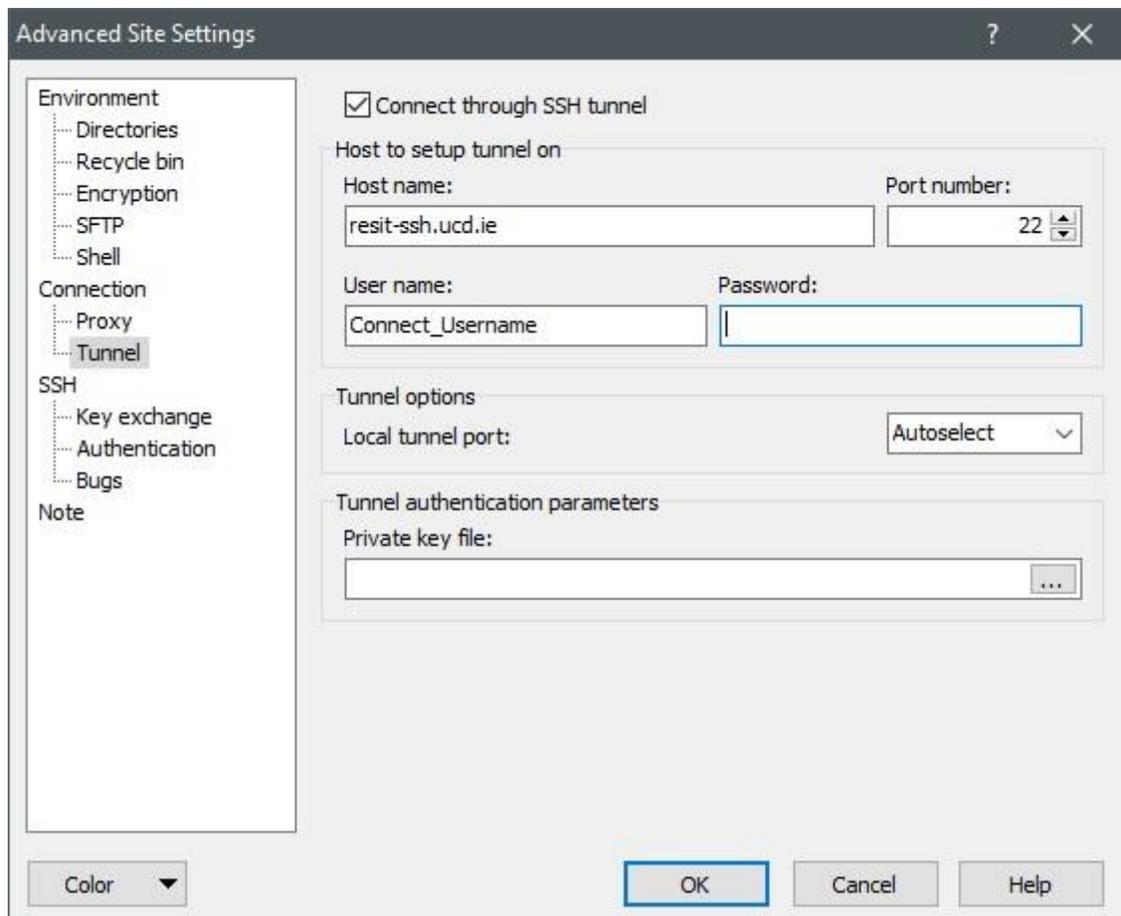


- 3) Click **Edit** on the connection once it has been saved and go to the **Tunnel** menu. Add the below setting:

Hostname: resit-ssh.ucd.ie

Username: your Connect username

Port number: 22



4) Hit **OK** and save the changes to your connection.

5) Hit **Login**, you should then be prompted for your **Connect password** for resit-ssh.ucd.ie, once that has been enter you should then be prompted for you Sonic password (also you **Connect password**). Once enter it can take a few seconds to connect.