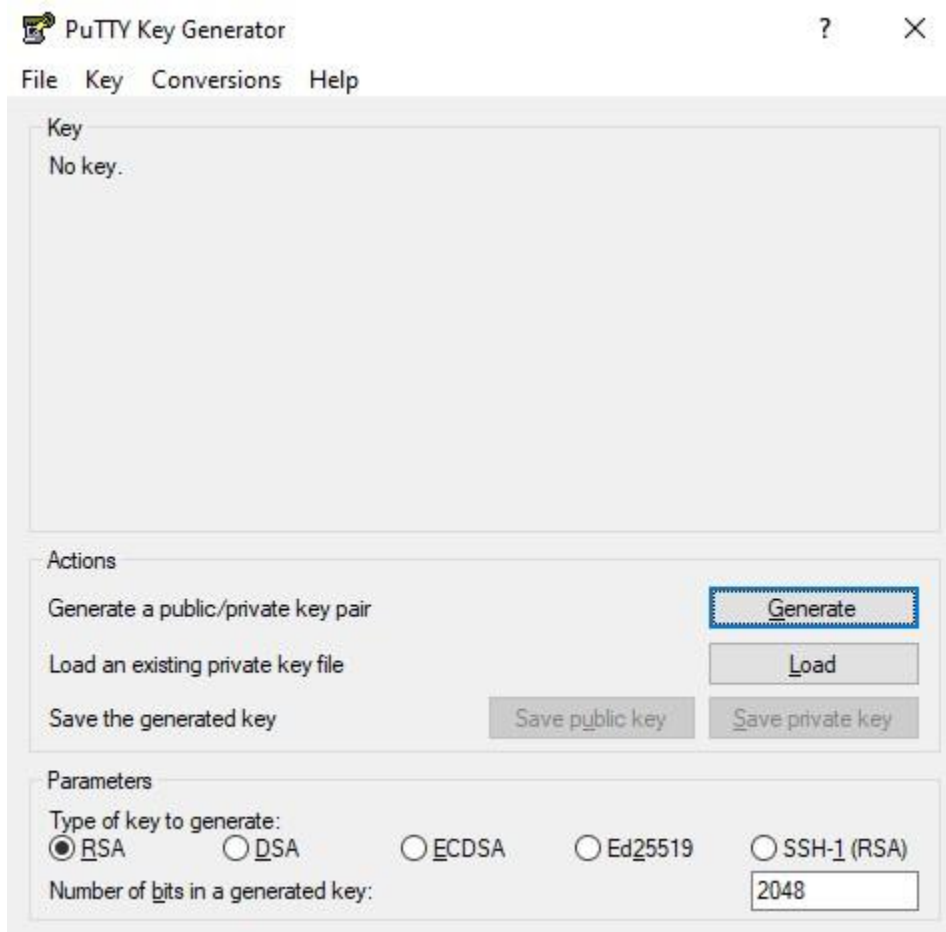


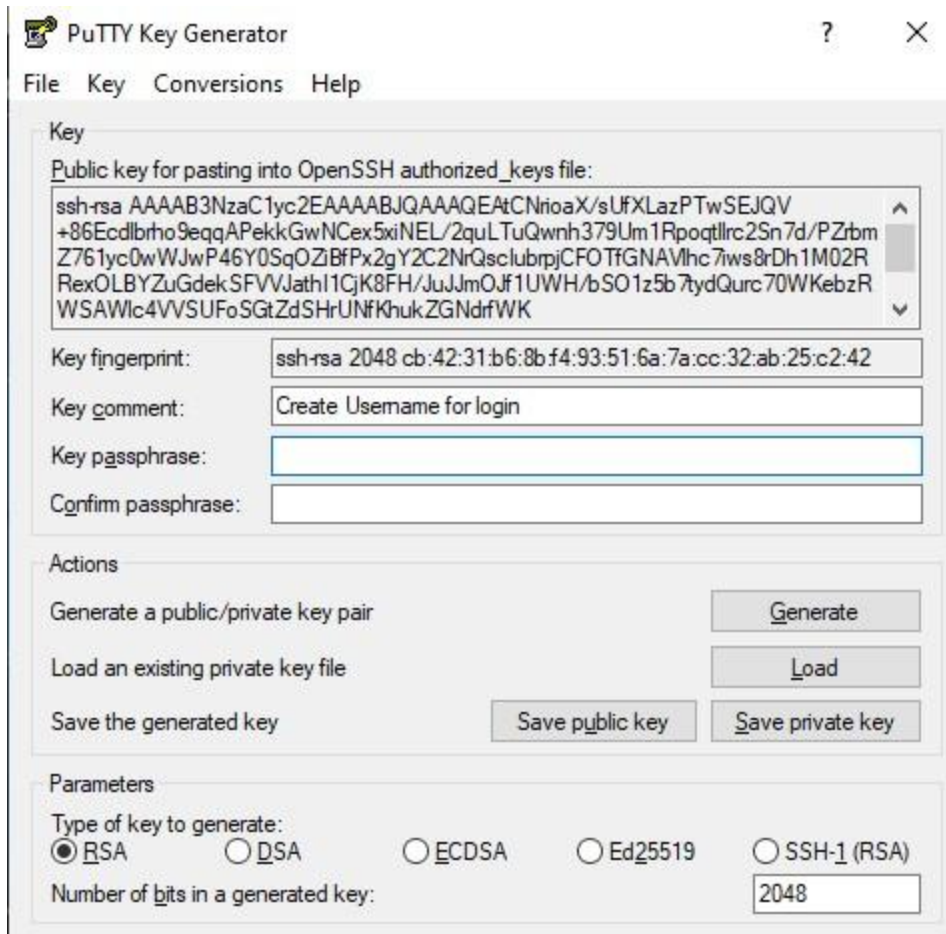
## PuTTY Documentation

The following documentation will help connect to a virtual machine instance from Windows with Putty.

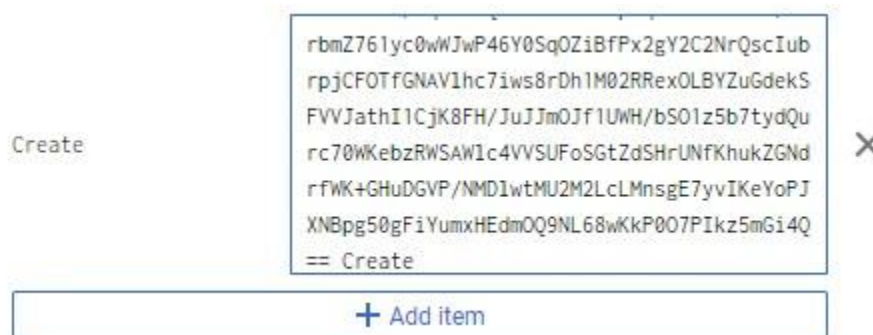
1. Downloading PuTTY, the following link below will provide a connection configuration window.  
<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>
2. Open PuTTYgen by launching putty.exe. A SSH private and public key generator.
3. In the **Generate a public/private key pair** select the **Generate** button then it will generate a public/private key for the instance



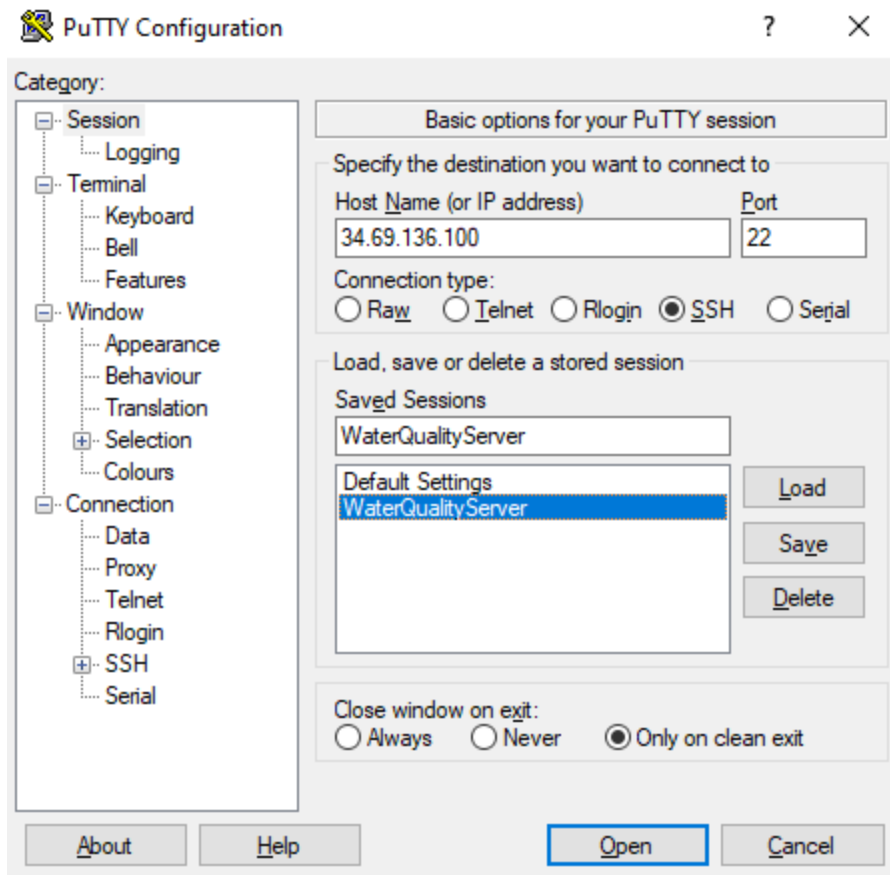
4. In the **Key comment** field, enter username identification that will be used to log into the instance. In the **Key passphrase** field, enter and confirm a password for the log in. The following **public/private key** will need to be saved.



5. Create the **VM instance** on the **Google Cloud Platform**. Once the instance has been created follow the steps below to connect the VM instance through PuTTY.
6. Insert the **public key** generated into the VM instance under the **category SSH key**



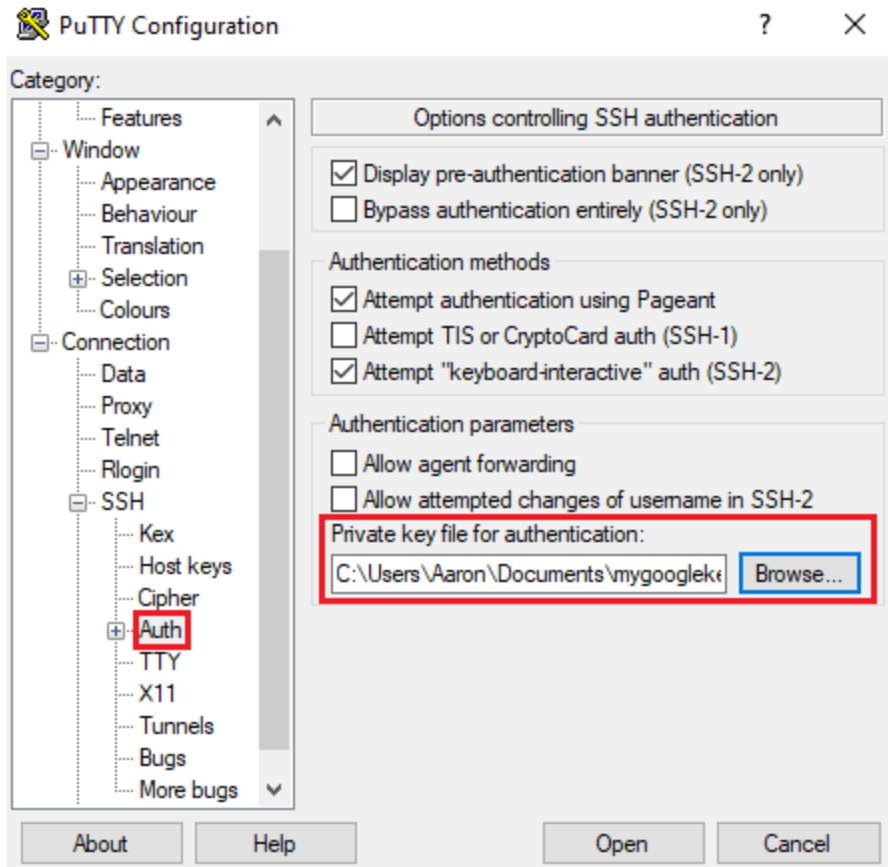
7. Open PuTTY by launching `putty.exe`. A connection configuration window.
  8. In the **Host Name** field, enter the username associated with the SSH key, and the external IP address of the instance that you want to connect to.
- For example, see the following screenshot:



9. In the **Category** menu, navigate to **Connection > SSH > Auth**
10. In the **Private key file for the authentication** field, browse to the location of the private key file. Downloading the following private key file, and using it for the private file key authentication will allow access to the instance.

[https://drive.google.com/file/d/1MxC99B2XIJ7NPW\\_eyS5cO5EG78ao2owh/view?usp=sharing](https://drive.google.com/file/d/1MxC99B2XIJ7NPW_eyS5cO5EG78ao2owh/view?usp=sharing)

For example, see the following screenshot:



11. Click **Open** to open a terminal with a connection to your instance
12. Once the terminal is connected to our instance, the user will be prompt with a login authentication.

For example, see the following screenshot:



13. After connecting, run commands on the instance using this terminal. When you finish, disconnect from the instance by running the `exit` command.