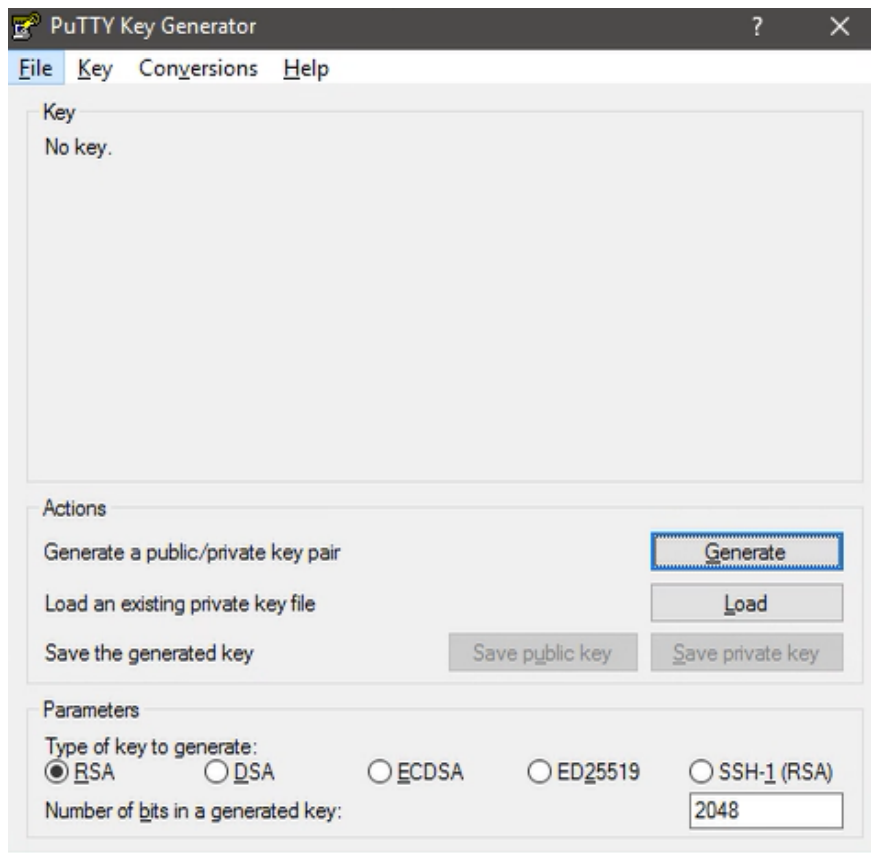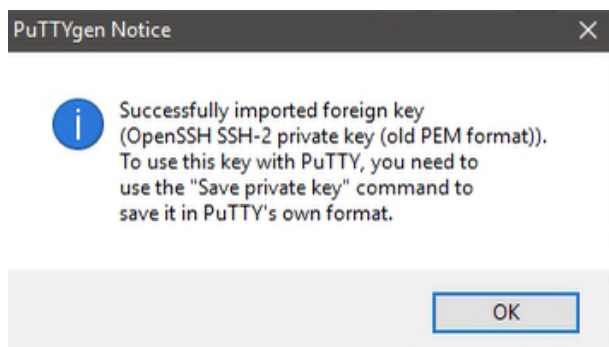**Installing and Configuring PuTTY to connect to the LinuxOne Cloud from Windows**
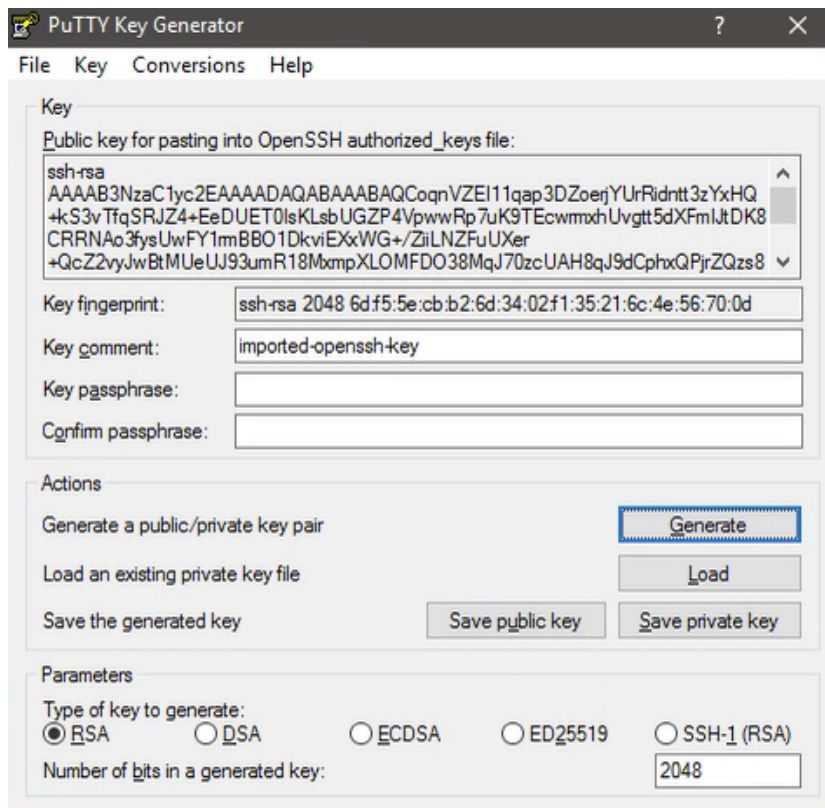
Before connecting to the LinuxOne Cloud we must generate a private key in a format that PuTTY recognizes. First, open PuTTYgen.exe, the PuTTY Key Generator, which comes installed with PuTTY.
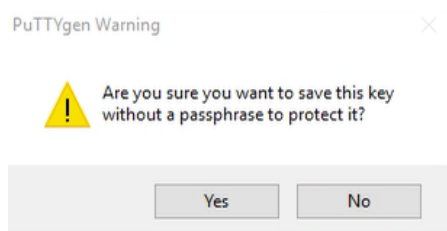

Next, go to File->Load Private Key then change the file type to "All Files (*.*)" and navigate to where you saved your DJBlockchain.pem. When you select your key you will get the following notice. Select "OK" and continue.
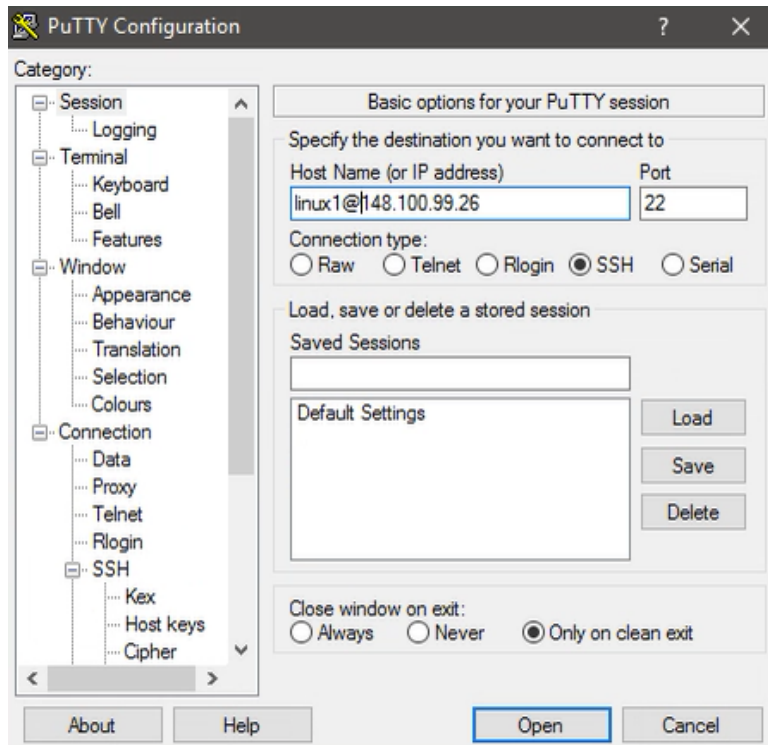
Your details will be read into PuTTYgen so that we can create a new private key in a format that PuTTY recognizes. Select "Save Private Key" and save your new keys to the same location as your prior DJBlockchain.pem file.
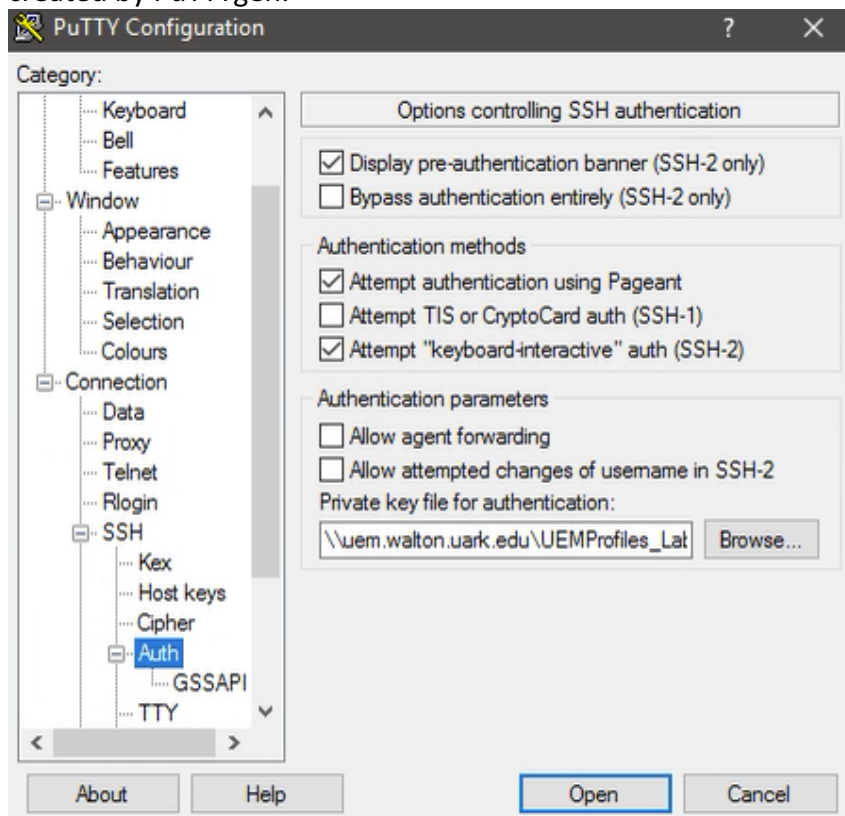

When you attempt to save your key, you will get a notice that you are saving a key without a passphrase. For this example, select "Yes" and continue. Close PuTTYgen when you are finished.
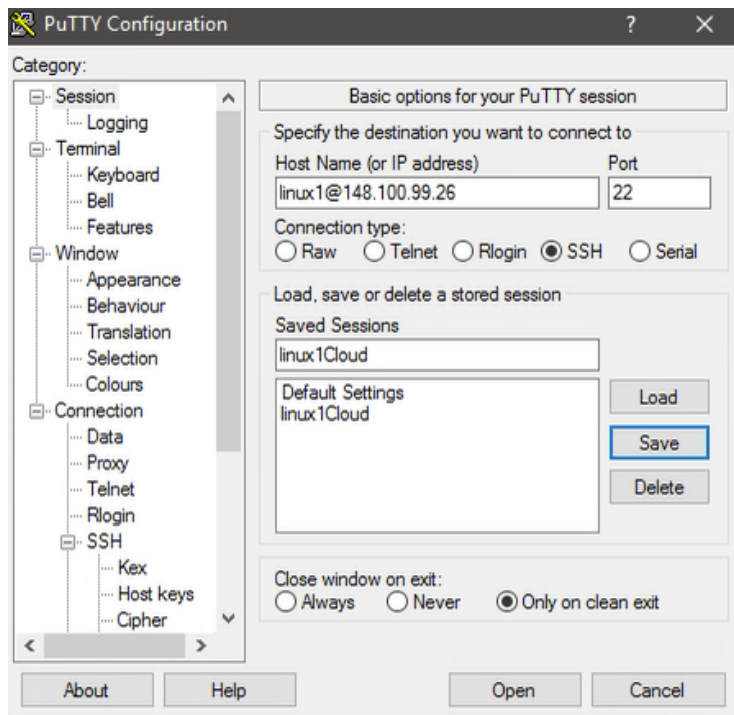

Now open PuTTY and we can configure our connection profile. Begin by entering your IP address for your specific LinuxOne Cloud instance. Additionally, we need to enter the username we will be logging in as (i.e., linux1) before the IP address followed by the "@" symbol.

After entering your IP address, navigate to the **SSH** category in the left panel and select **Auth**. On this screen, you will "Browse…" to find your newly created DJBlockchain.ppk file that was created by PuTTYgen.

The last step to connect is to save the details of our connection profile to a stored session so that we can connect easily each time we come back. Enter a connection profile name into the "Saved Sessions" box and hit "Save". You are now ready to connect to the LinuxOne Cloud.

Select your saved session, linux1Cloud in this example, and select "Open". You will now be presented with a linux terminal to interact with your running LinuxOne Cloud instance.