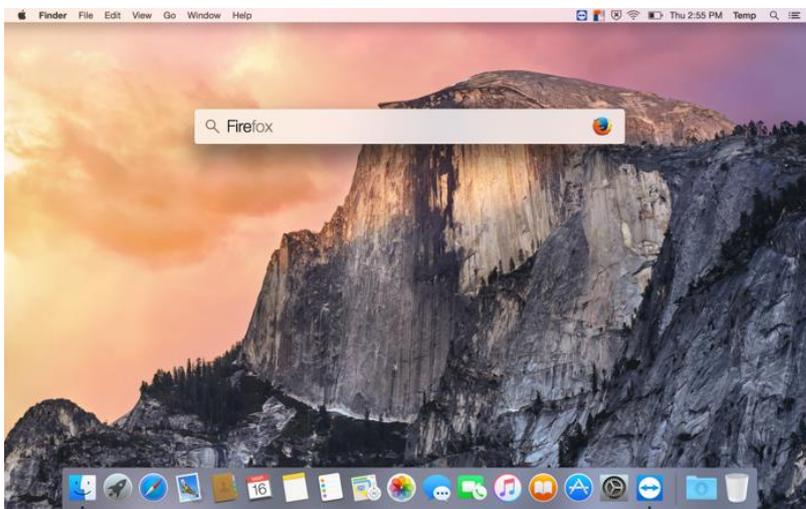


NWU PC LAB VIRTUALISATION - PROOF OF CONCEPT

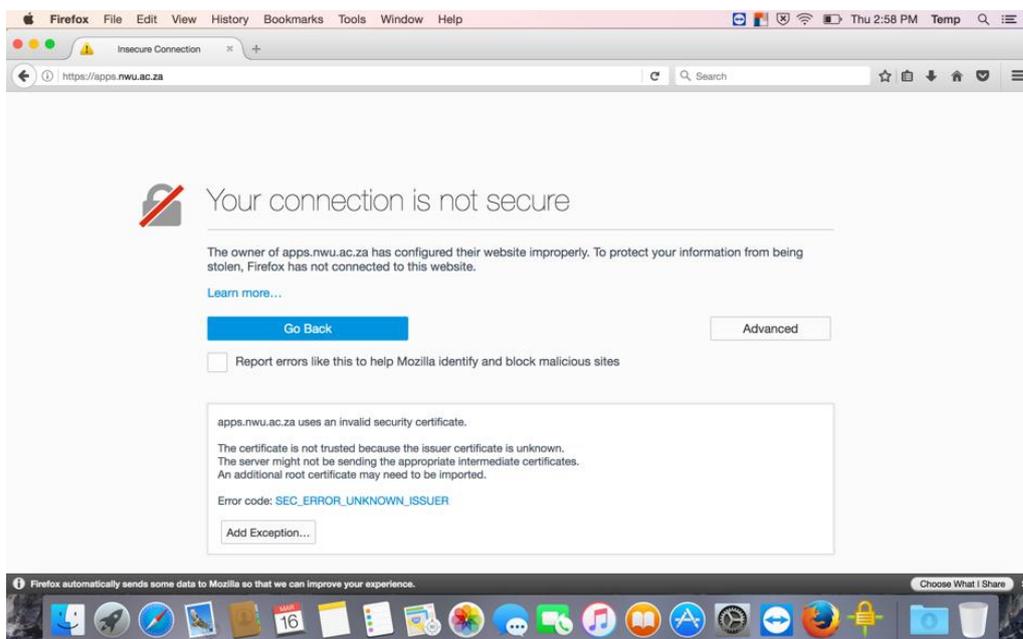
1 Apple Mac Guide

Kindy follow the steps in order to access your virtual desktop or virtual application environment.

1. When logged onto your Mac, click on the Magnifying Glass in the top right corner of your screen.
2. Search for the Firefox browser and press enter. Make use of Firefox as it provides the best integration with the Citrix Virtualisation software that is being used. Here is a link to the latest version of Firefox: <https://www.mozilla.org/en-US/firefox/new/>

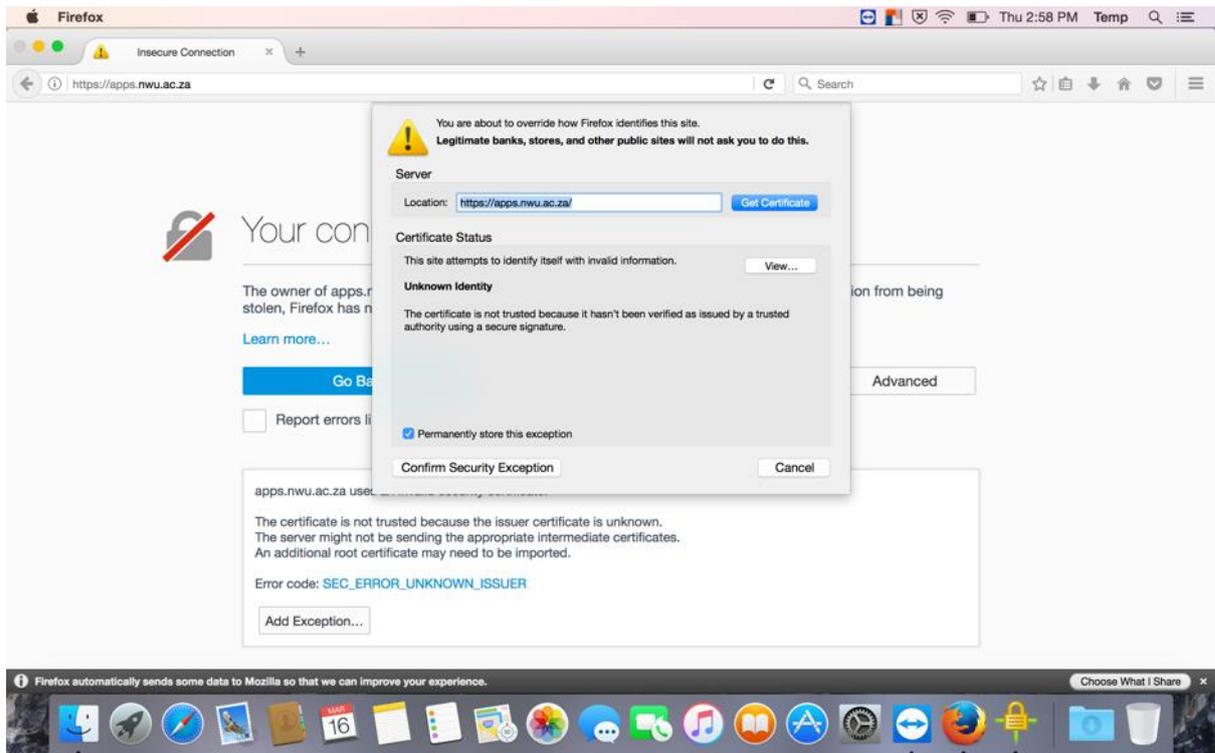


3. Once Firefox has loaded please type the following URL in your search bar: <https://apps.nwu.ac.za> and then press enter.
4. If you receive the following security exception please follow instructions 4.1 – 4.3 otherwise continue at point 5.

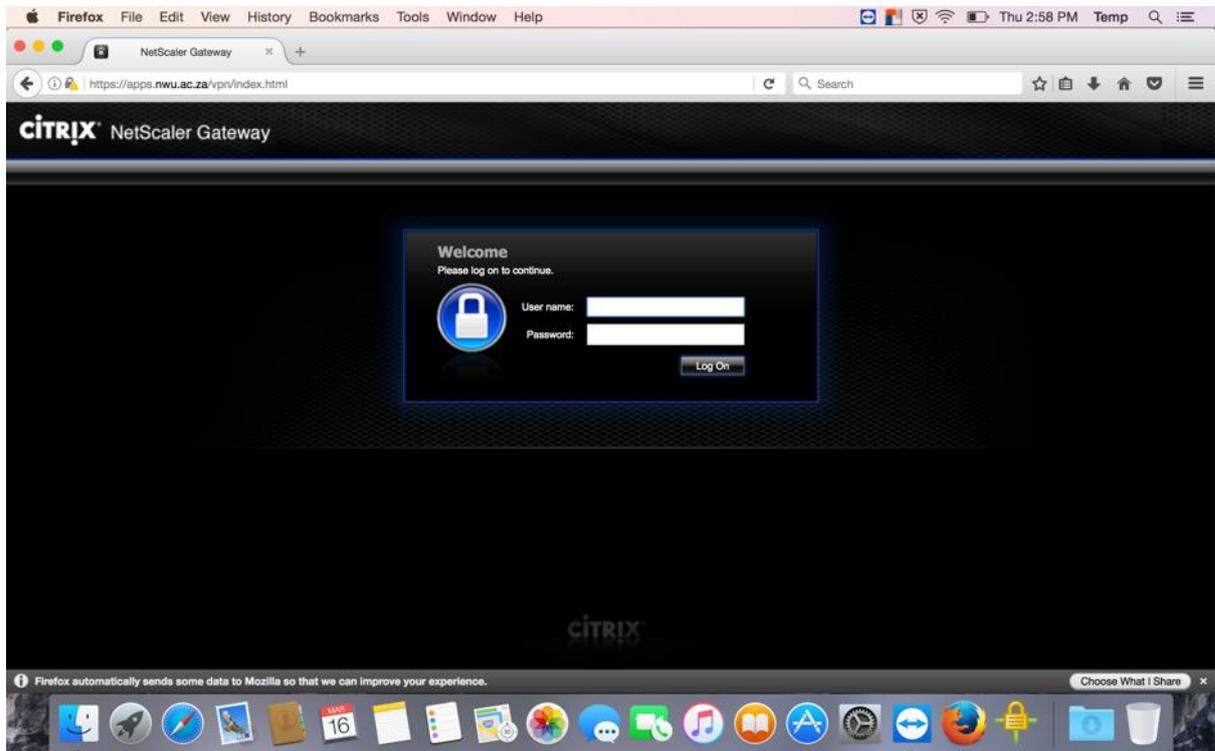


4.1. If you received the security exception above please click on the on Add Exception... button toward the bottom left of the screen;

4.2. The following popup will display, click on **Confirm Security Exception**;

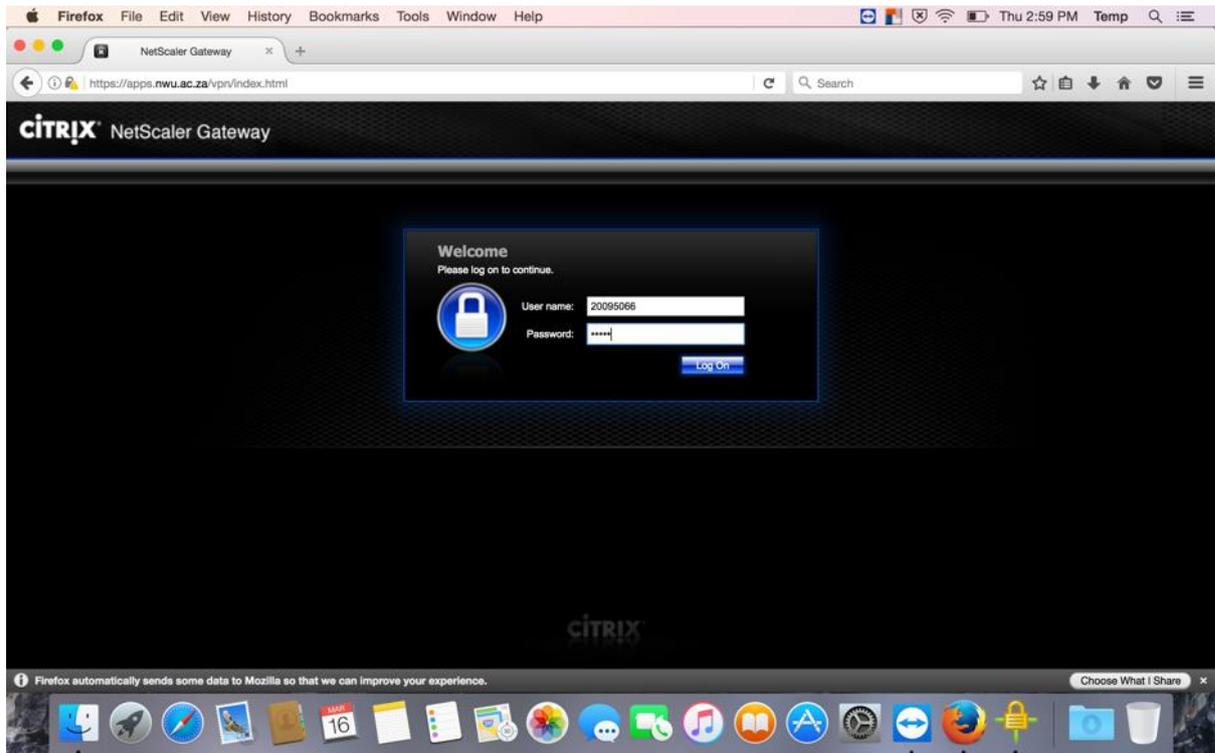


4.3. You should see the Citrix NetScaler Gateway screen below after allowing the exception.

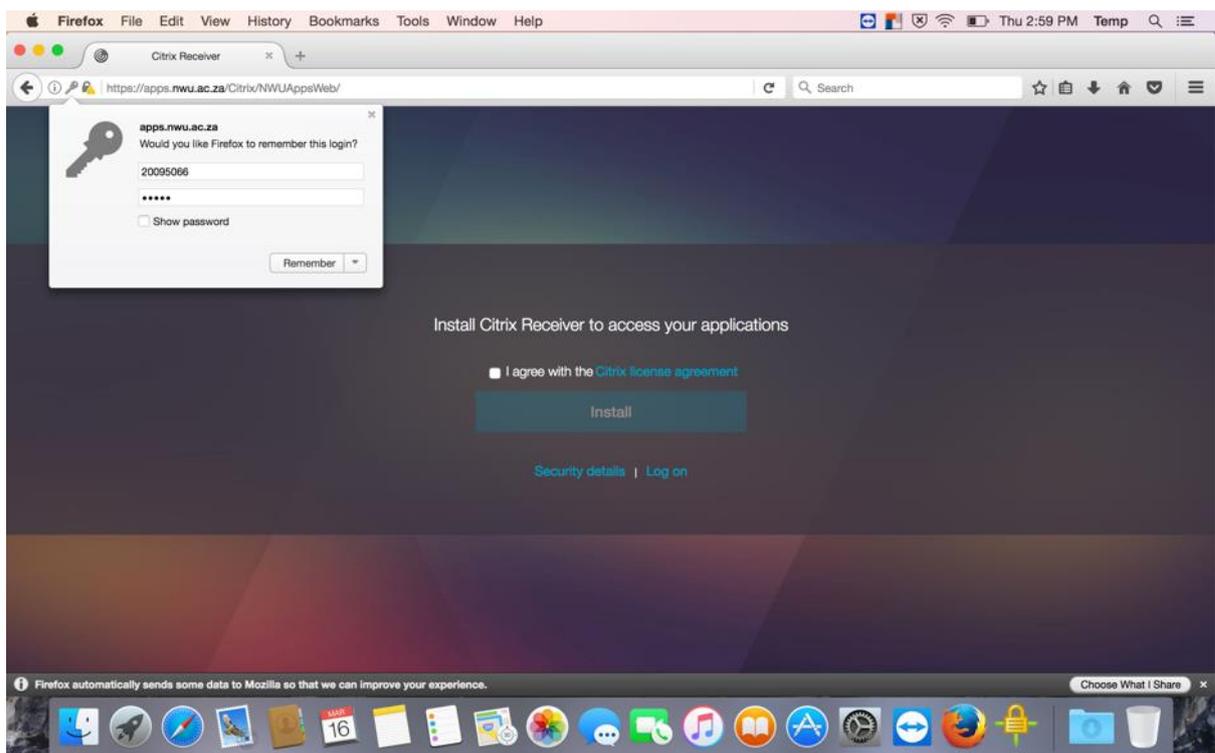


5. You should see the Citrix NetScaler Gateway Screen after you entered the <https://apps.nwu.ac.za> URL in your browser and pressed enter.

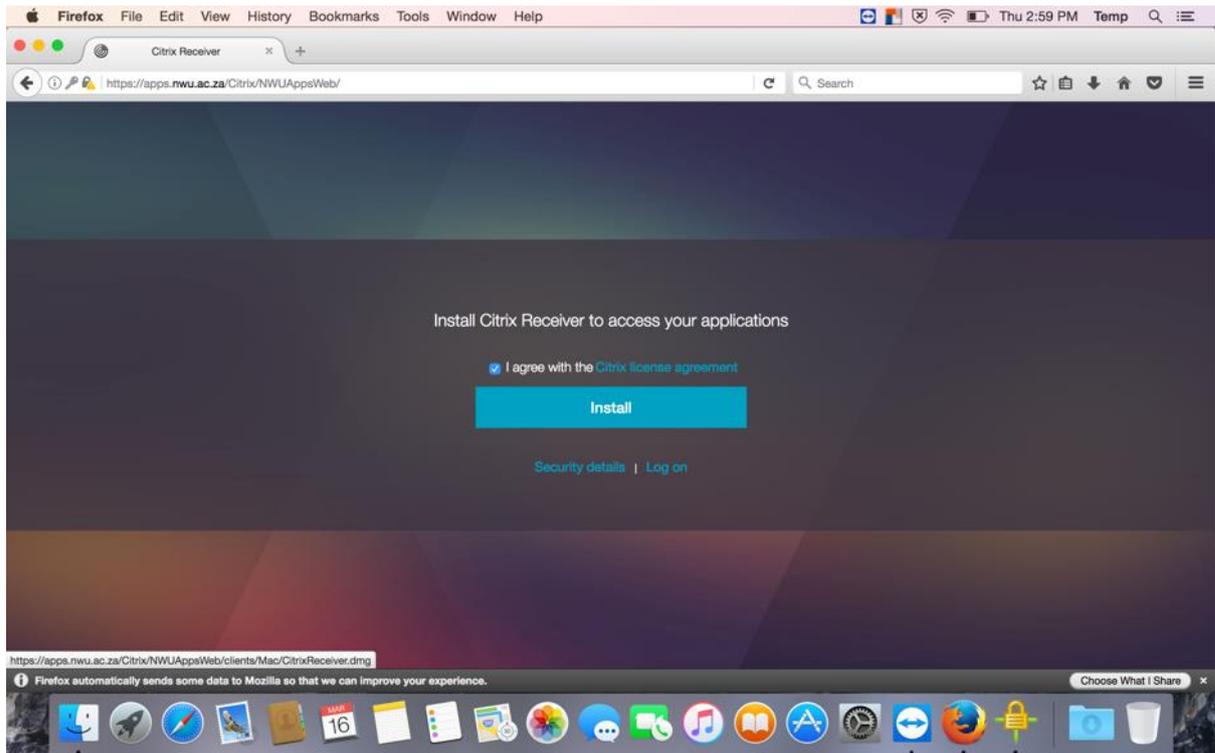
6. Now, enter your student / employee number and network password and click on **Log on**.



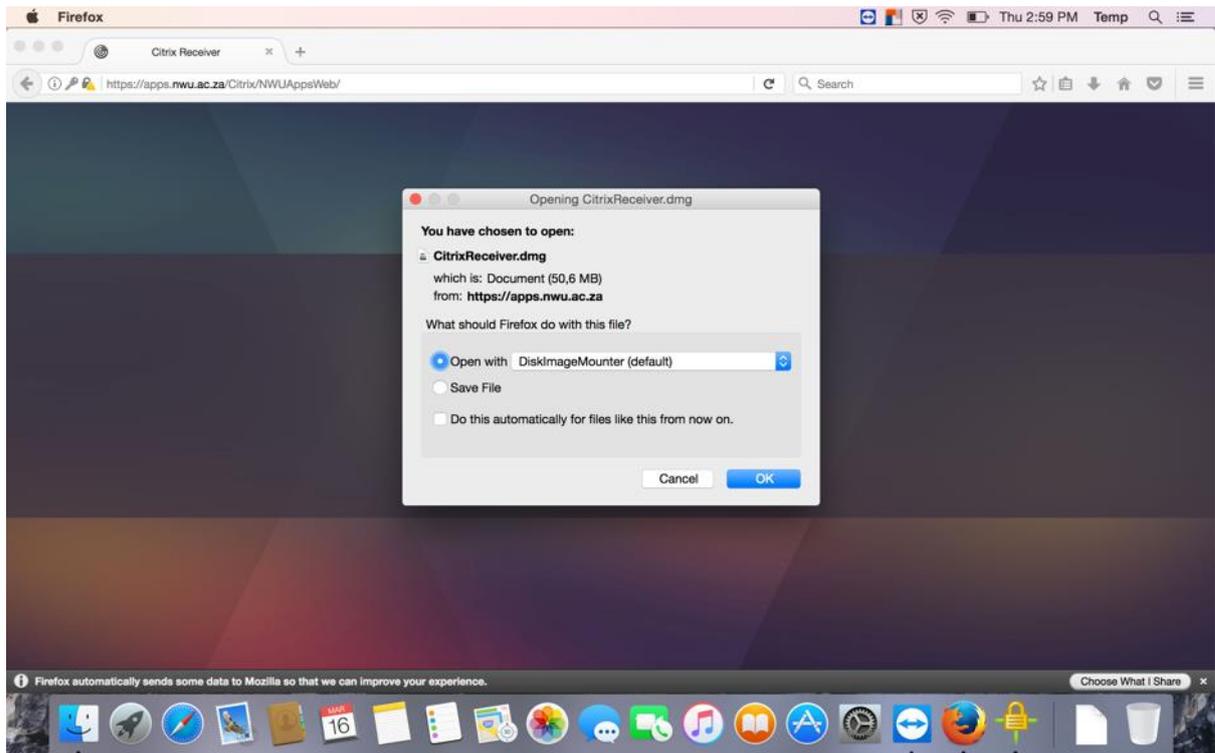
7. Do not allow computer to save your password if you are using a shared computer.



8. Check the “I agree with the Citrix license agreement” box and click on install.

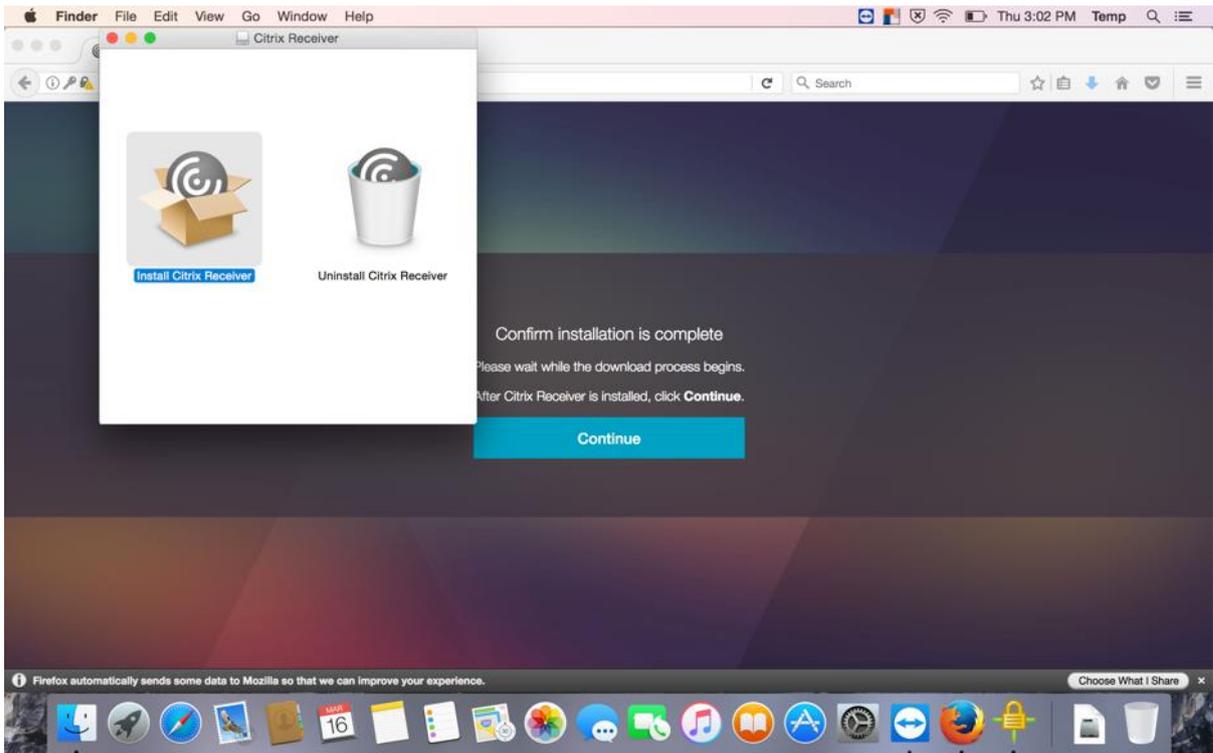


9. You will be prompted to either save or open CitrixReceiver.dmg file. Choose to open the file as this contains the program needed for the virtualisation process.



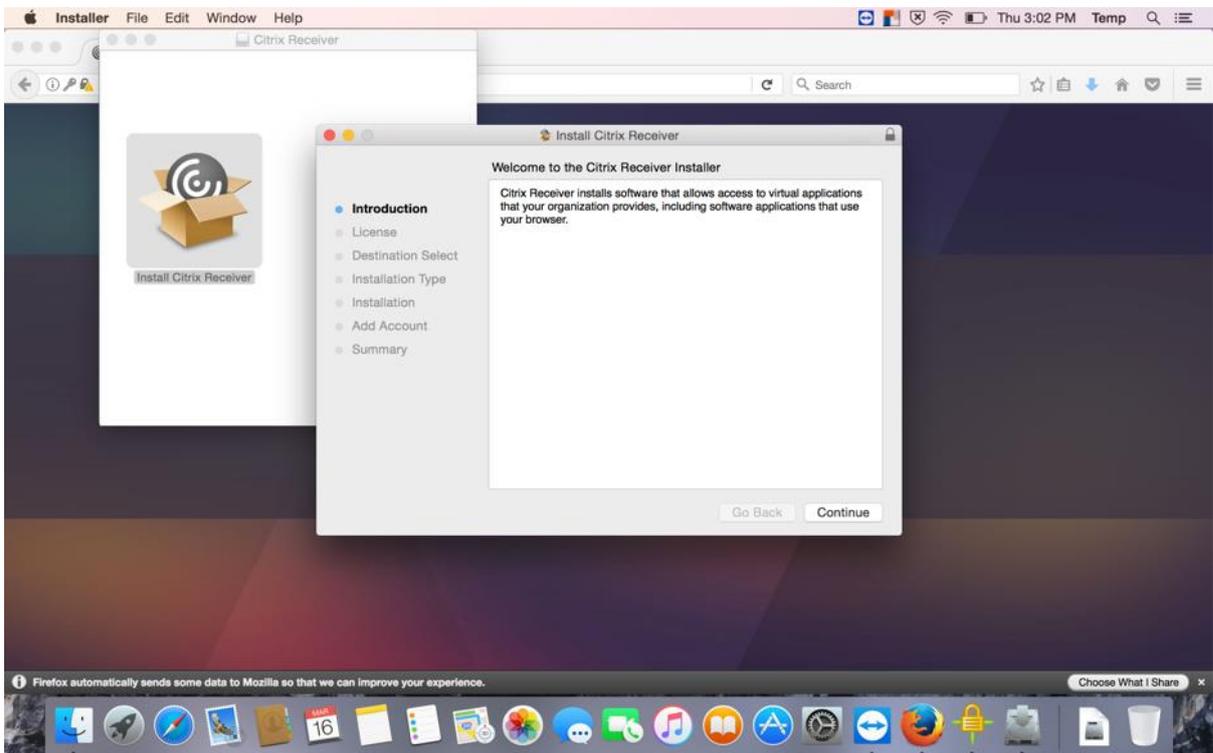
10. One the file has been downloaded the CitrixReceiver.dmg should open automatically (If not go check your downloads and double click the CitrixReceiver.dmg file).

11. Double click the Install Citrix Receiver icon and follow the prompts to install the software.

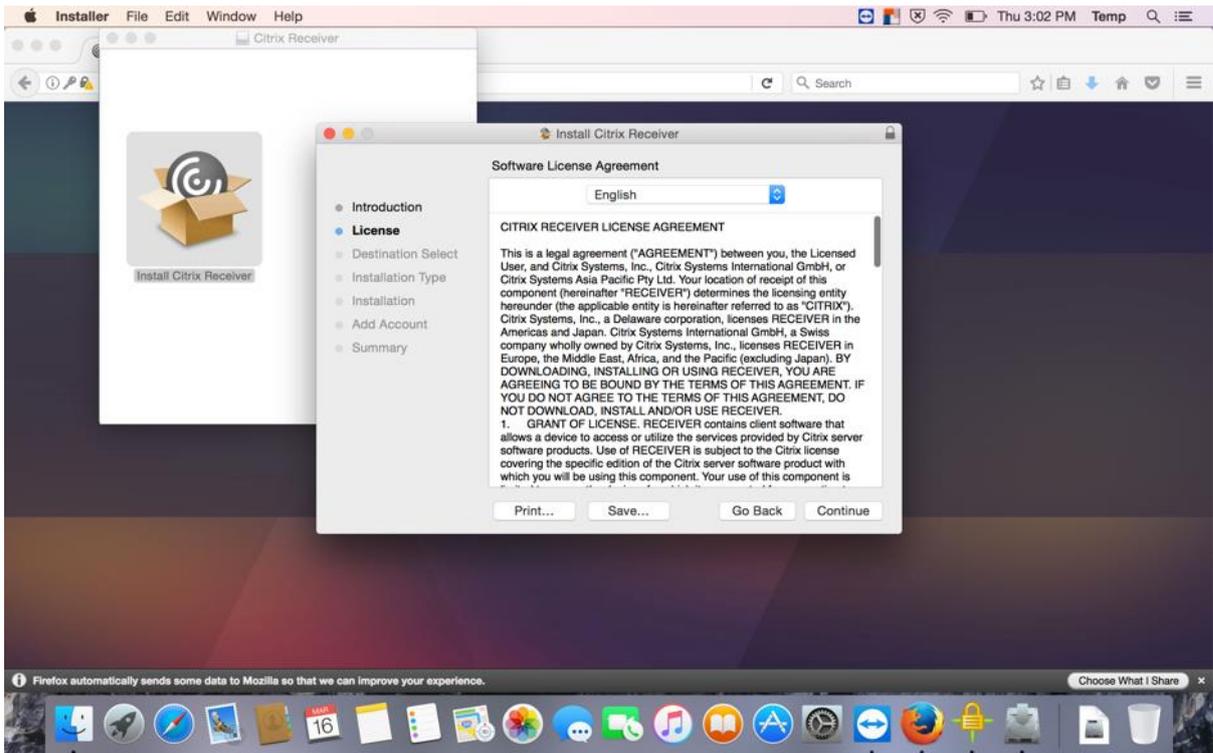


12. Click Continue on this screen.

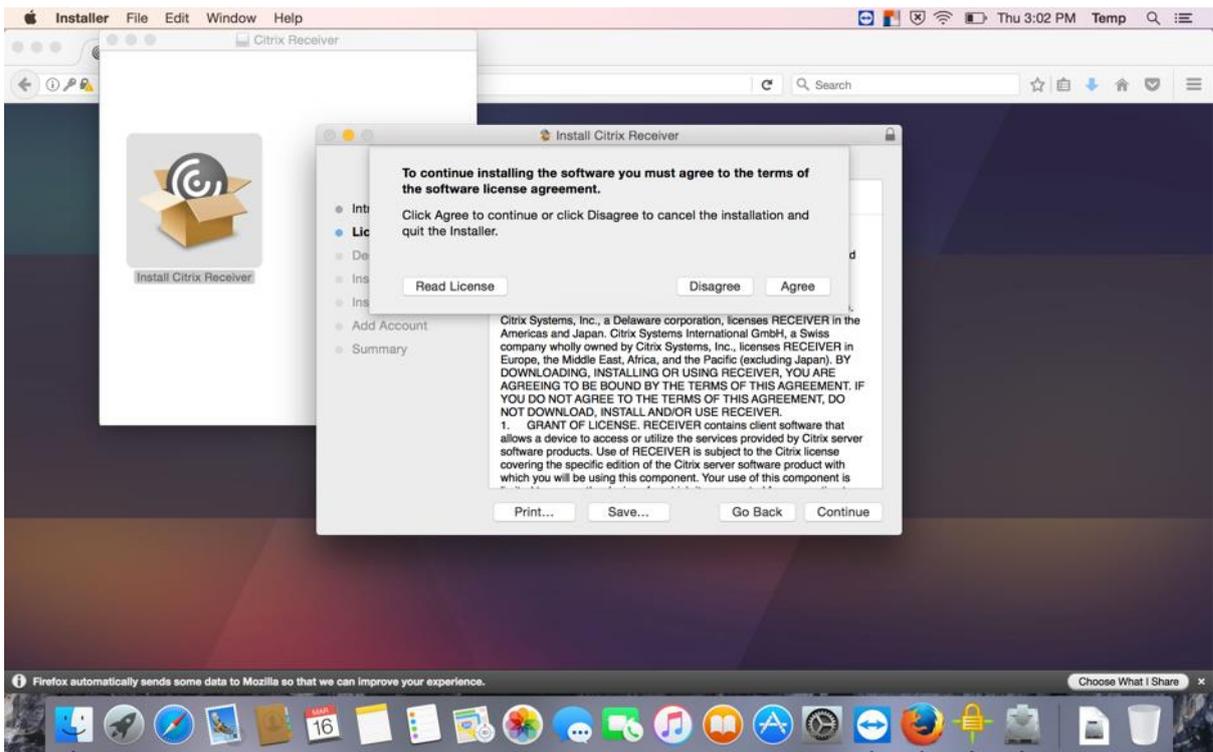
13. Click Continue on this screen.



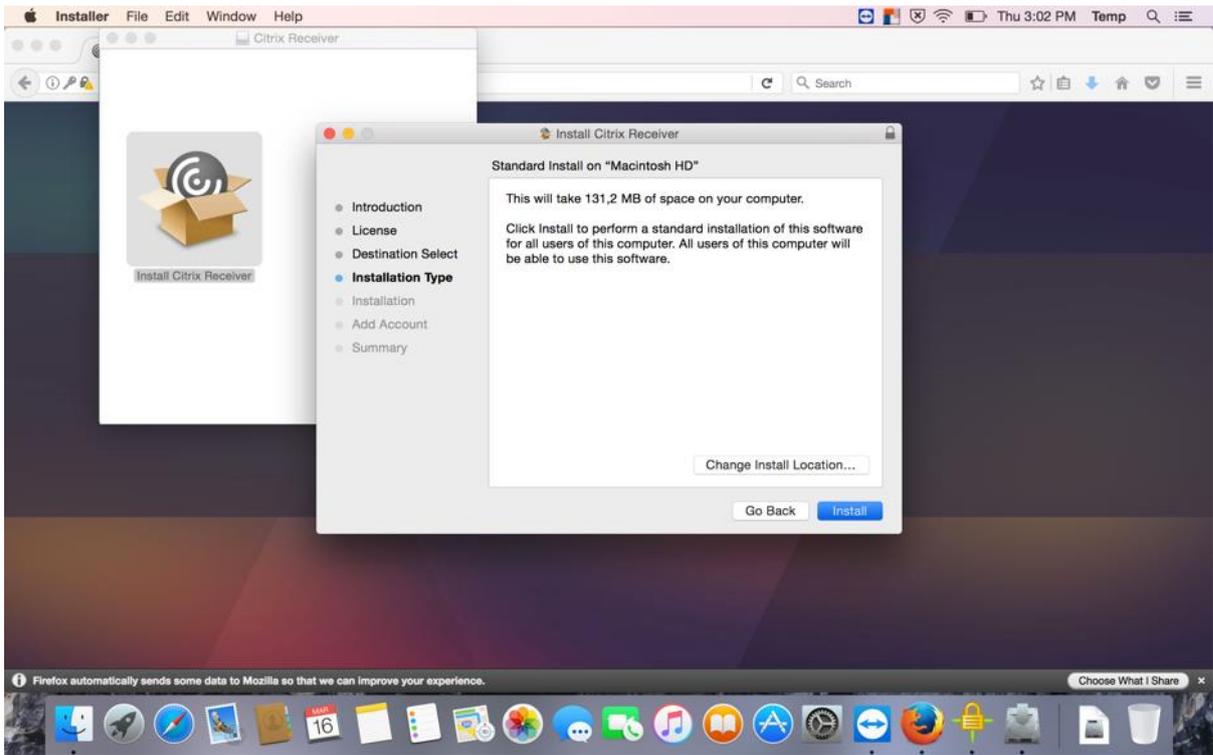
14. Click Continue on this screen.



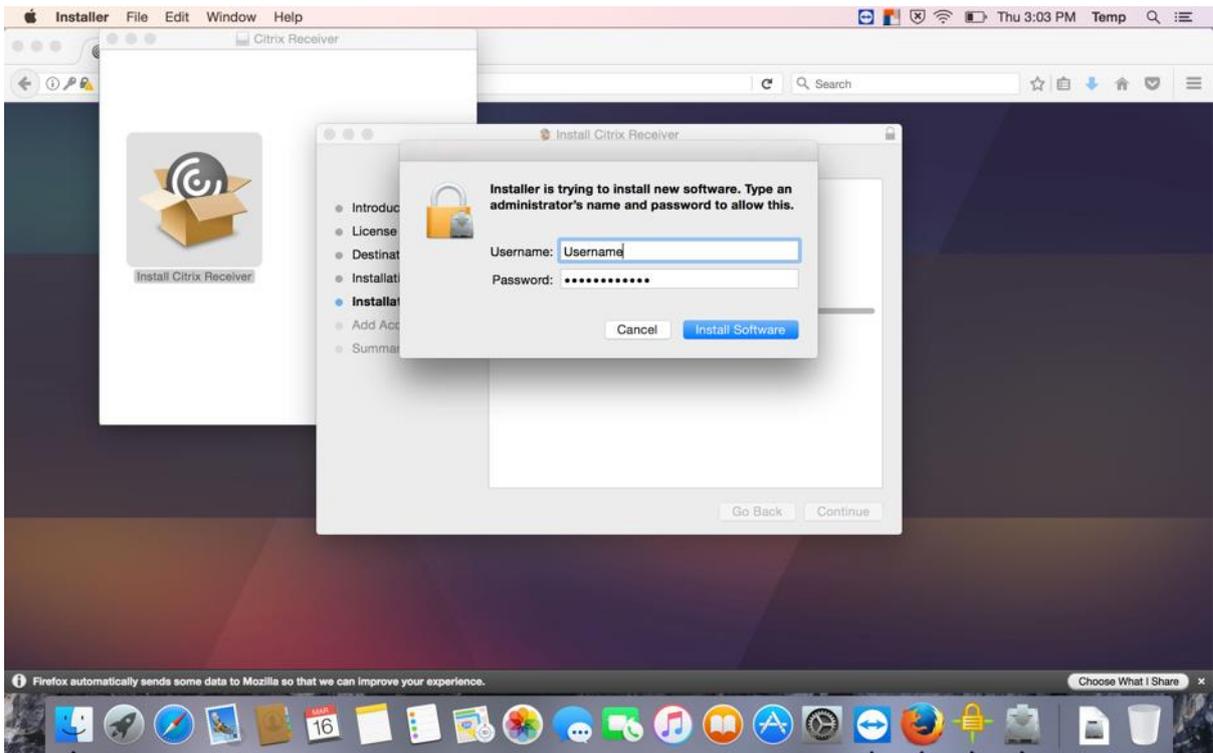
15. Click Agree on this screen.



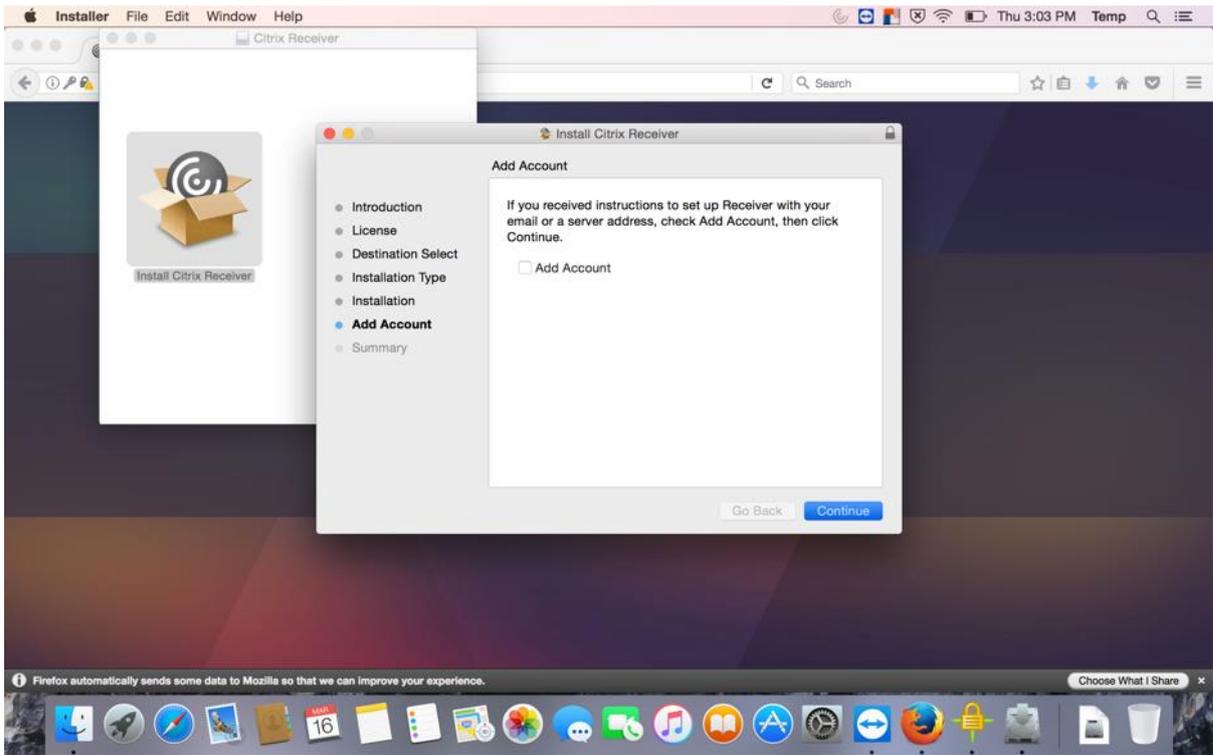
16. Click Install on this screen.



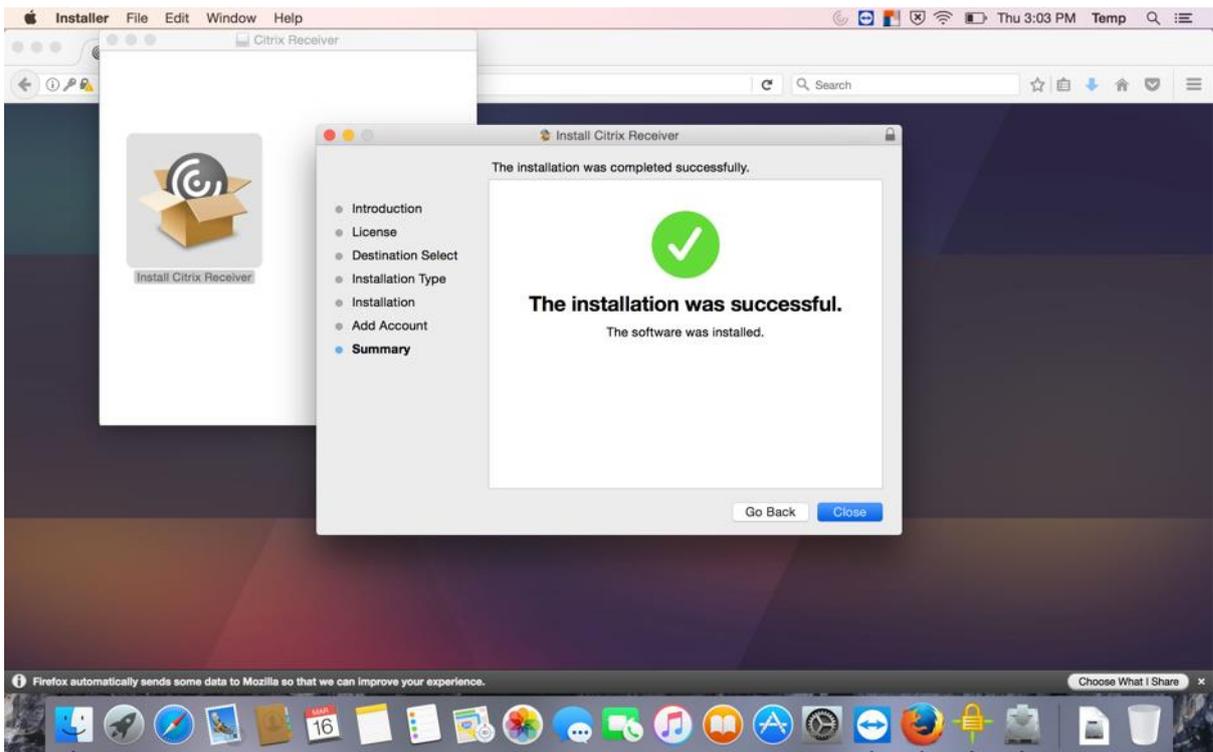
17. When prompted for your admin password enter the username and password of your Mac and not your Novel username and password. Then click on Install Software.



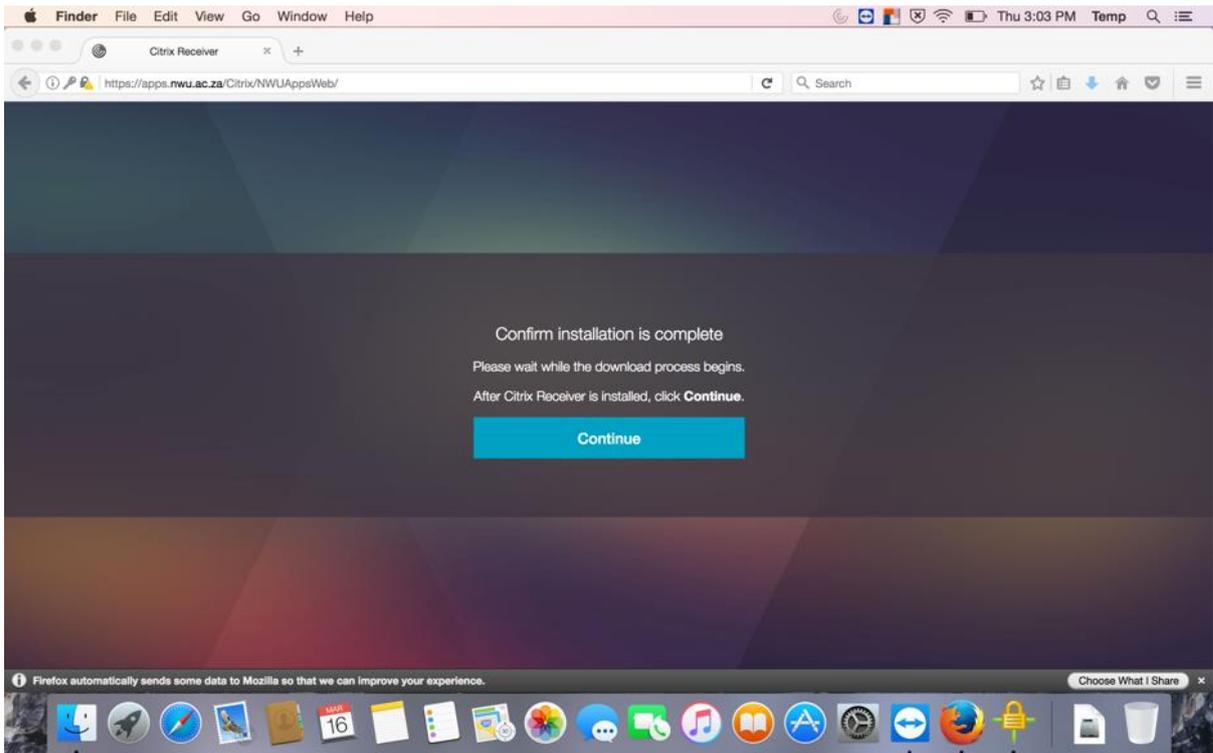
18. Click Continue on this screen. Do not check add Account.



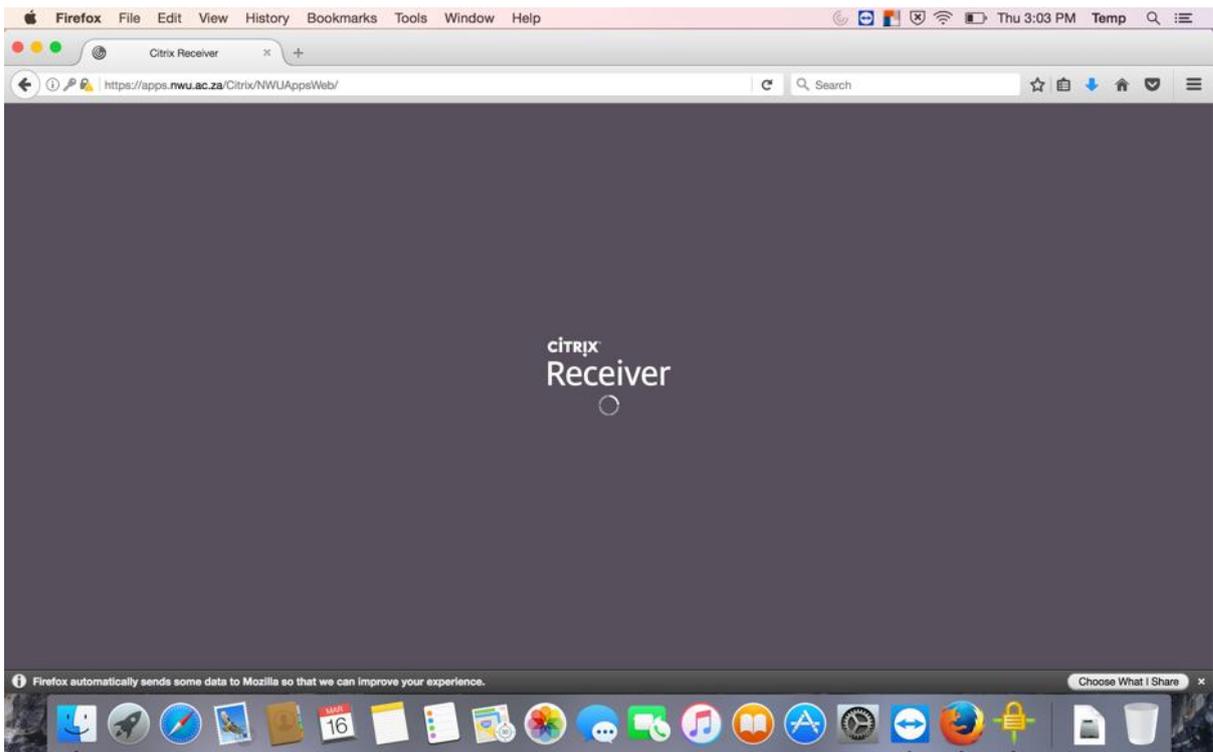
19. This screen should then display. Click on close.



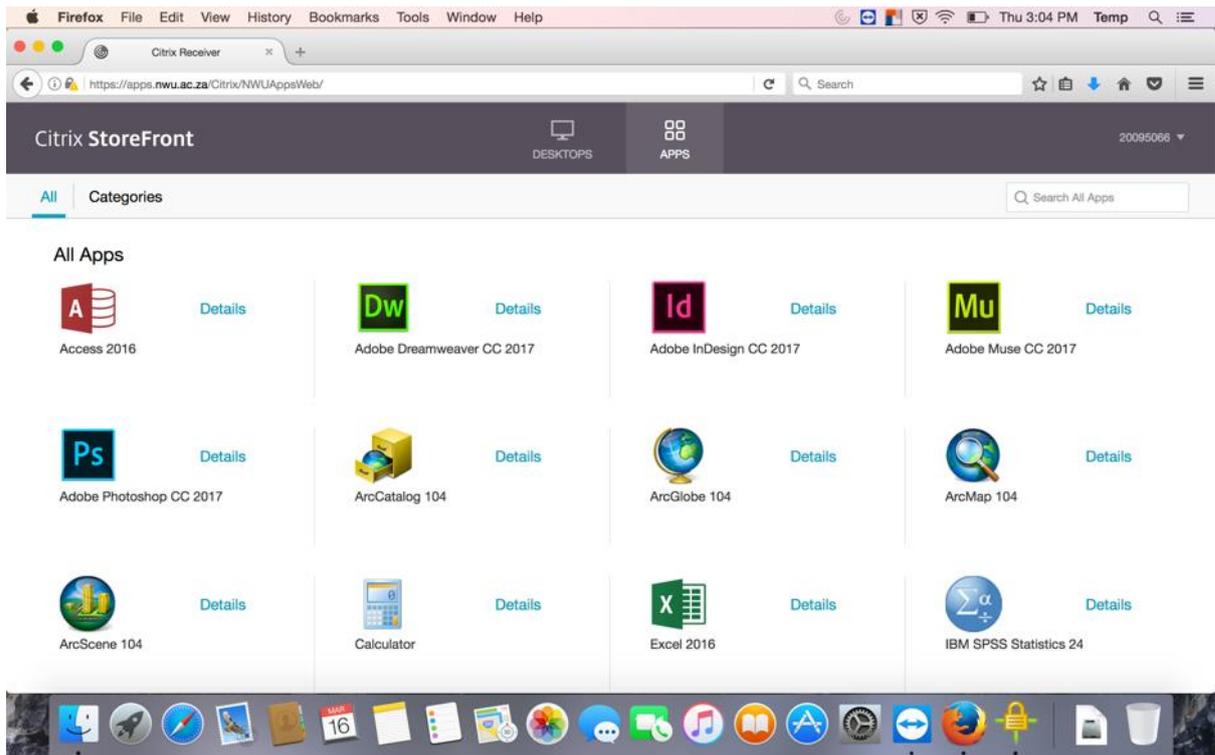
20. Go back to your browser and click on continue.



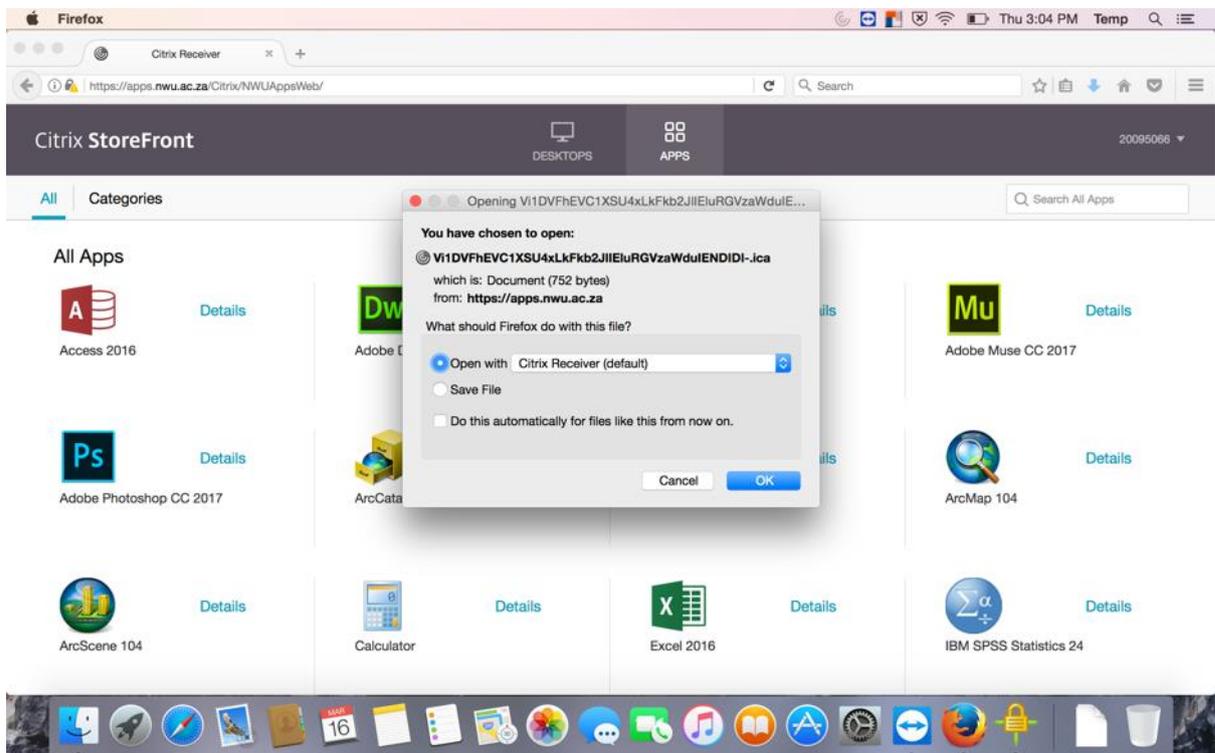
21. The following screen will display as the Citrix Storefront loads.



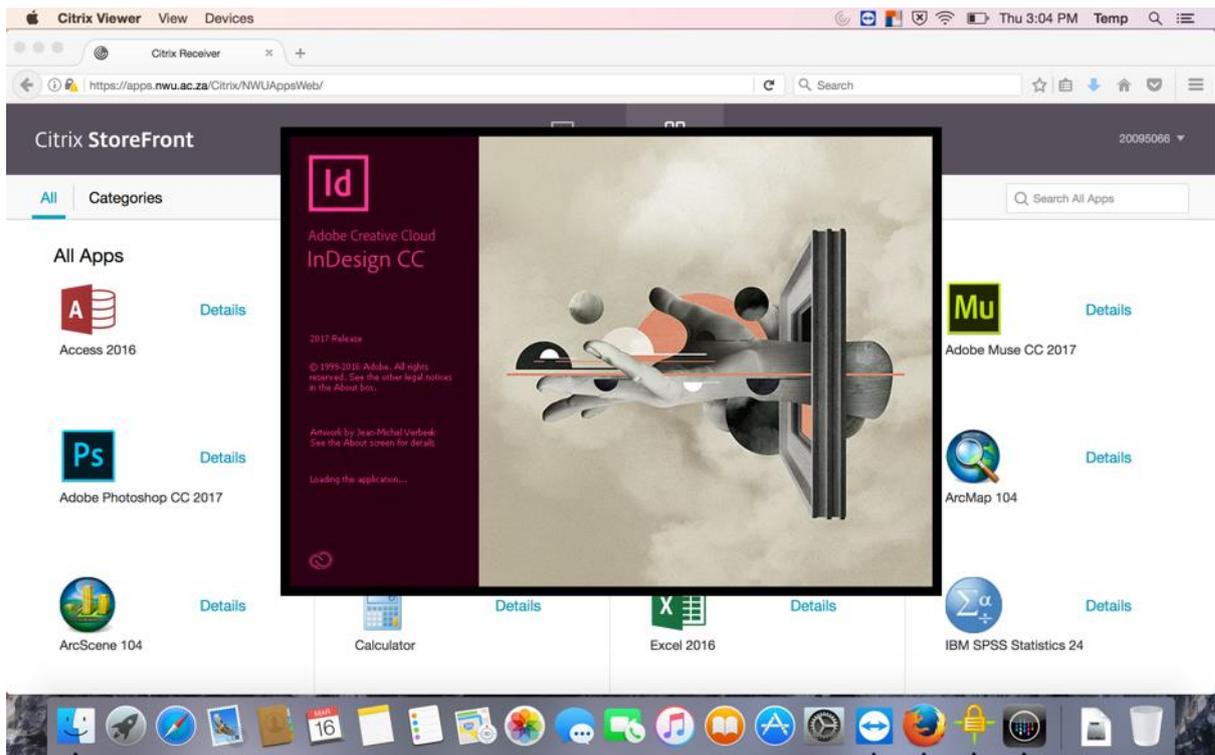
22. After the Citrix StoreFront loaded, you should see the following screen with a list of available apps that can be launched individually.



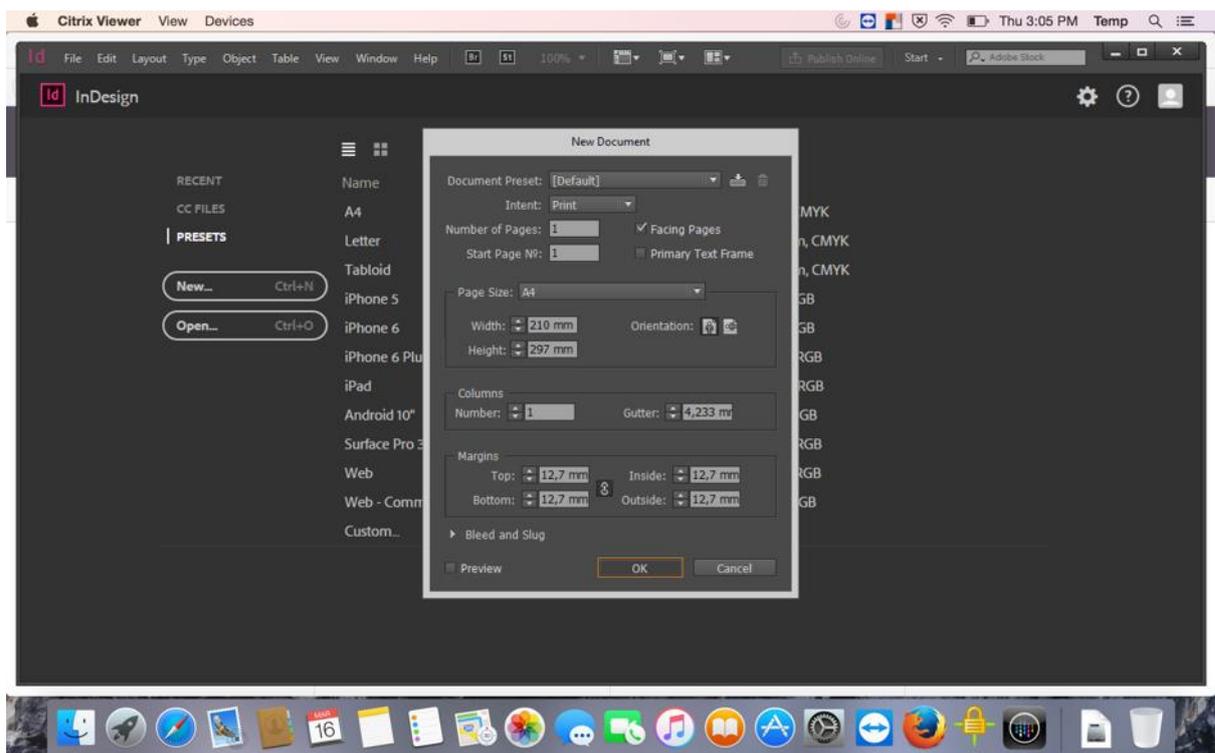
23. If you click on an App the following windows will display, make sure it state "Open with Citrix Receiver." Then click on OK.



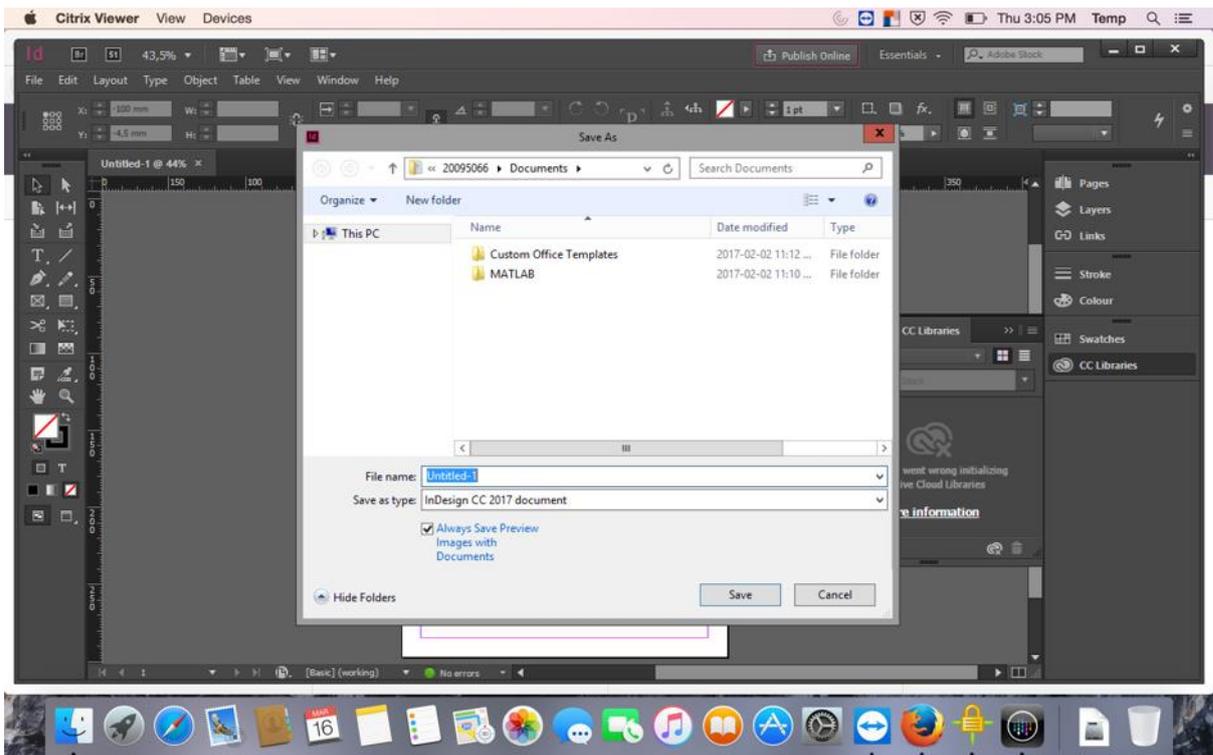
24. Your selected programme will load.



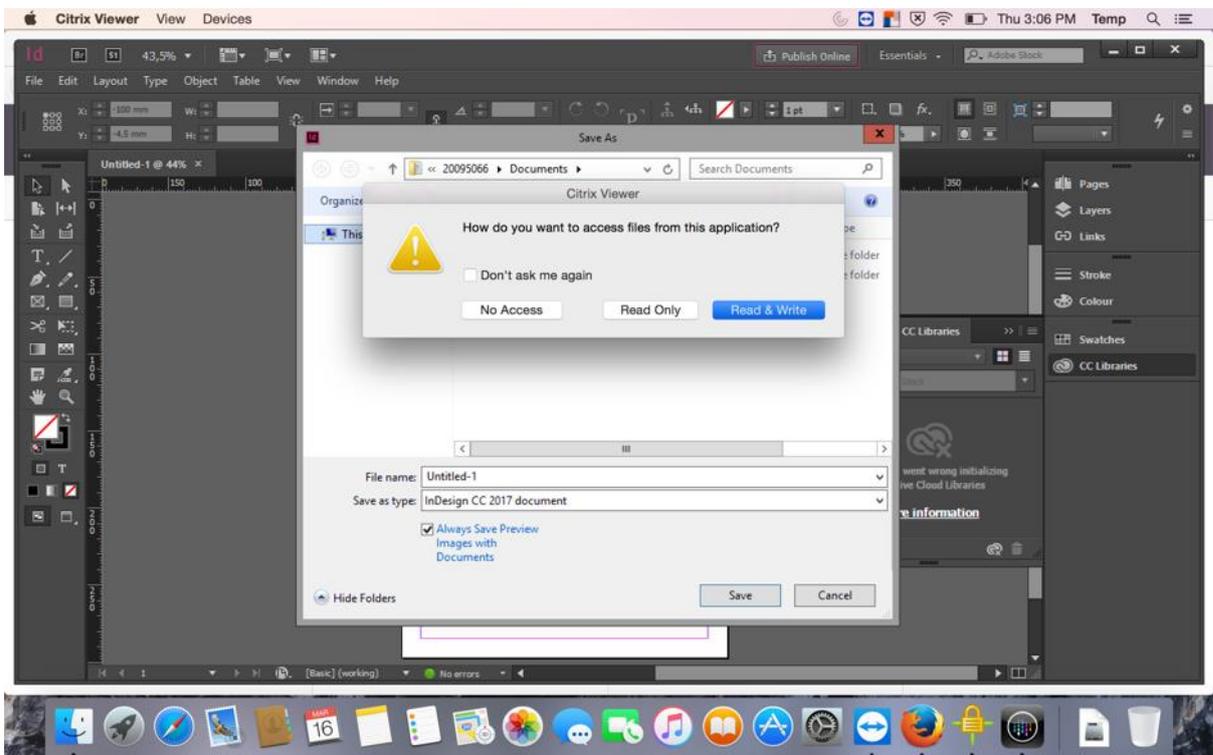
25. Once the programme has loaded you can start working normally.



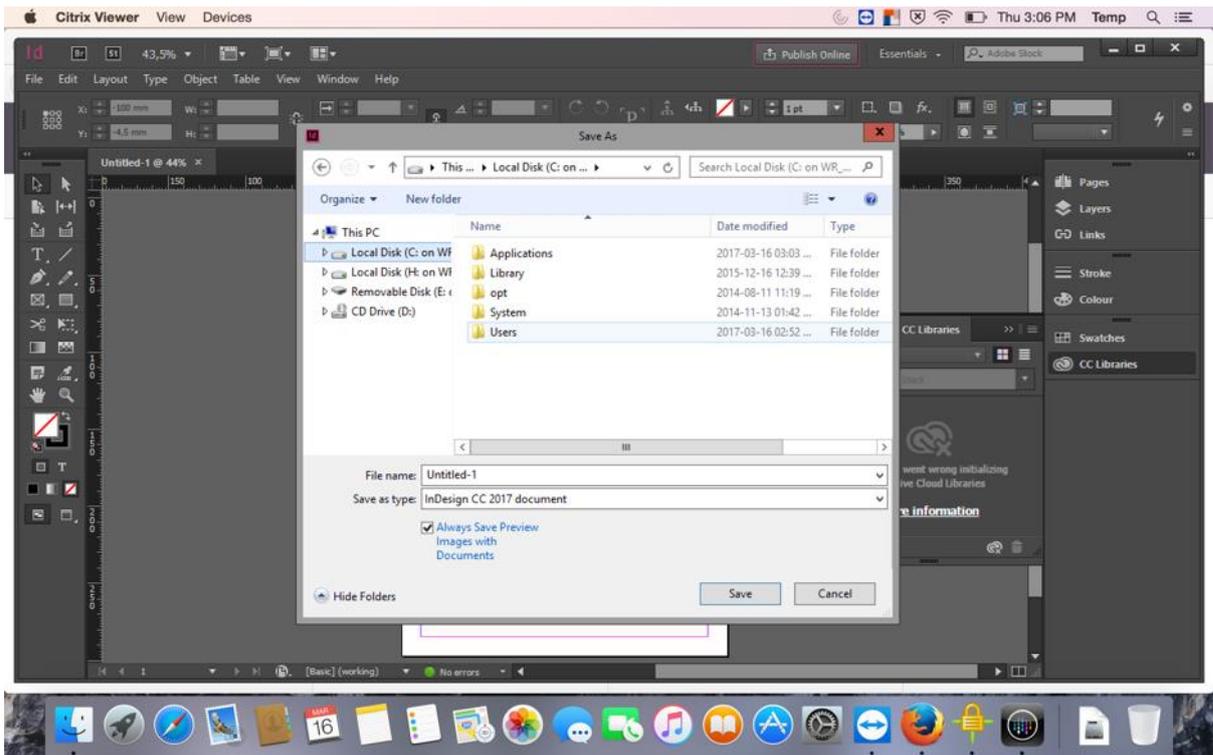
26. If you want to save your work click on THIS PC when the save as dialog opens.



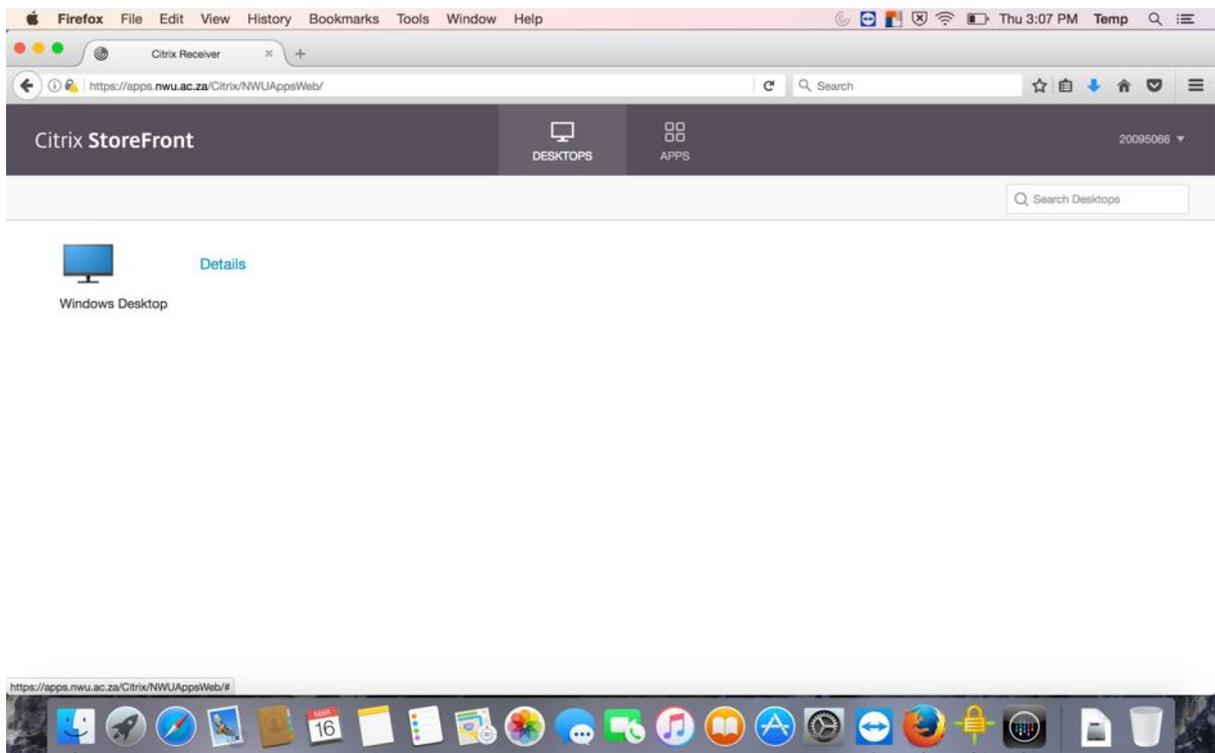
27. You will then be prompted to give this application access to your computer that you are working on. Choose read and Write. The same holds true when you want to open a file from your computer that you are working on.



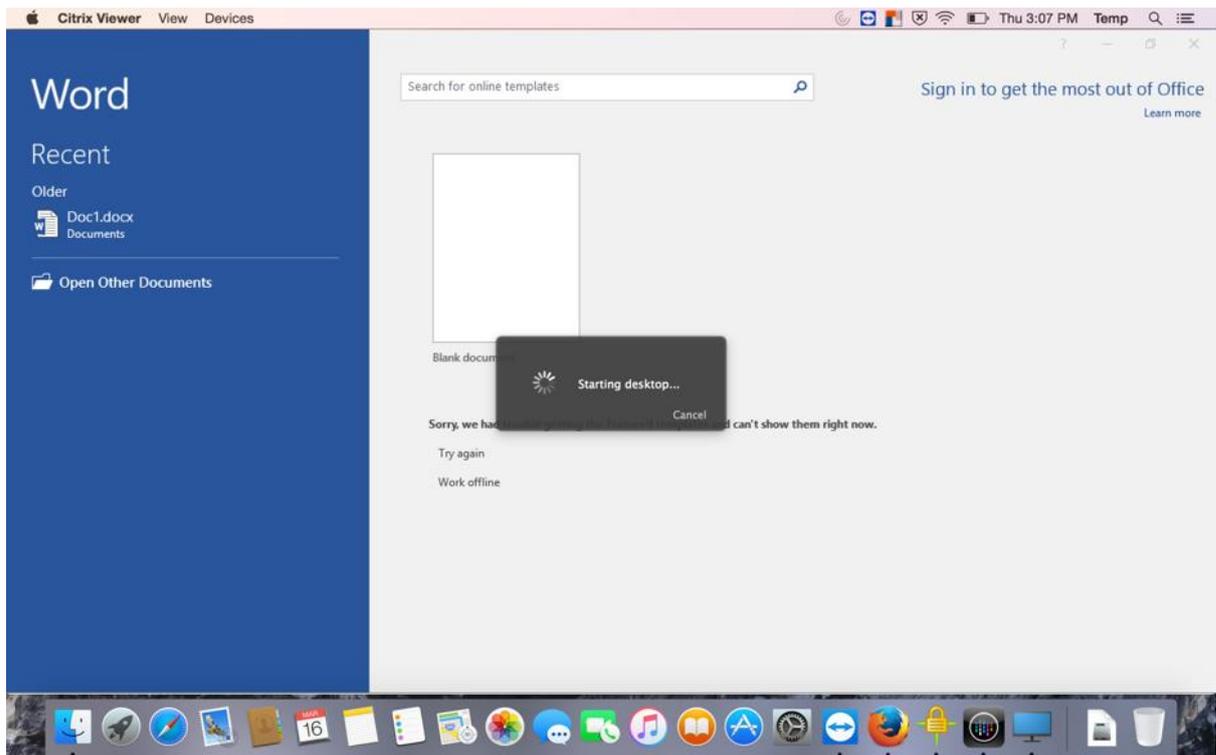
28. After permission was granted, you will be able to go to Local Disk C and navigate to your files stored on the computer that you are working on.



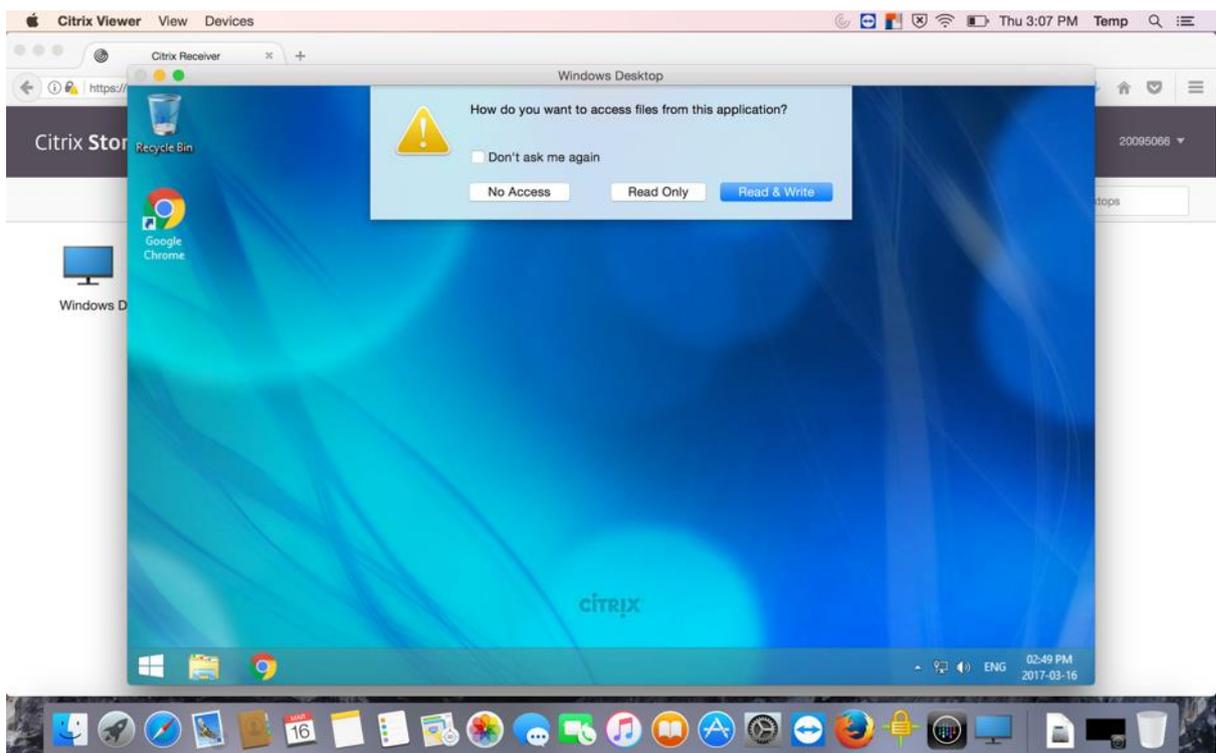
29. Another option available if you do not want to launch Apps in Isolation is to click on Desktops in the middle of the screen in the Citrix StoreFront.



30. You will be notified that the desktop is starting once it has been clicked.



31. A request to grant permission will be given again you must choose read and write.



32. Once you are done, you can close the Citrix viewer and continue to work on your Mac.

33. IMPORTANT – remember to save all work you do on your client computer (the computer that you are working on) as work saved in the online environment will be lost if a connection failure occurs or after you close the machine.

34. If you experience any problem related to this process and you are using Mac OS, please contact Juan.Steyn@nwu.ac.za

Original details: (10068570) C:\Users\NWUUser\Documents\PCLabVirtualisation-POC_Mac.docm
27 March 2017