

How to use console

Objectives

- What is console?
- Console into Linux instance from Linux.
- Console into Linux instance from Windows.
- Console into Windows instance from Dashboard.

• Use Remote Desktop to console into

What is console?

The **Console** function is used to get a visual on your virtual instance.

This feature replicates the scenario of using a screen, keyboard and mouse directly on your instance.

Console into Linux instance from



Type the following into your console window.

```
$ssh -I cloudkey.pem user@hostIP
```

Cloudey.pem is the private key you downloaded from the dashboard.
User is the default user name of your Linux instance.
HostIP is the public IP of your virtual instance

```
georg@georg-mate:~$ ssh ubuntu@196.223.214.15
The authenticity of host '196.223.214.15 (196.223.214.15)' can't be established.
ECDSA key fingerprint is SHA256:aa+gPwb2WypRHAIoPP2KHmYzqUxMhgYln0drRie7WSU.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '196.223.214.15' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 16.04.1 LTS (GNU/Linux 4.4.0-47-generic x86_64)

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

Get cloud support with Ubuntu Advantage Cloud Guest:
  http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ubuntudemo:~$
```

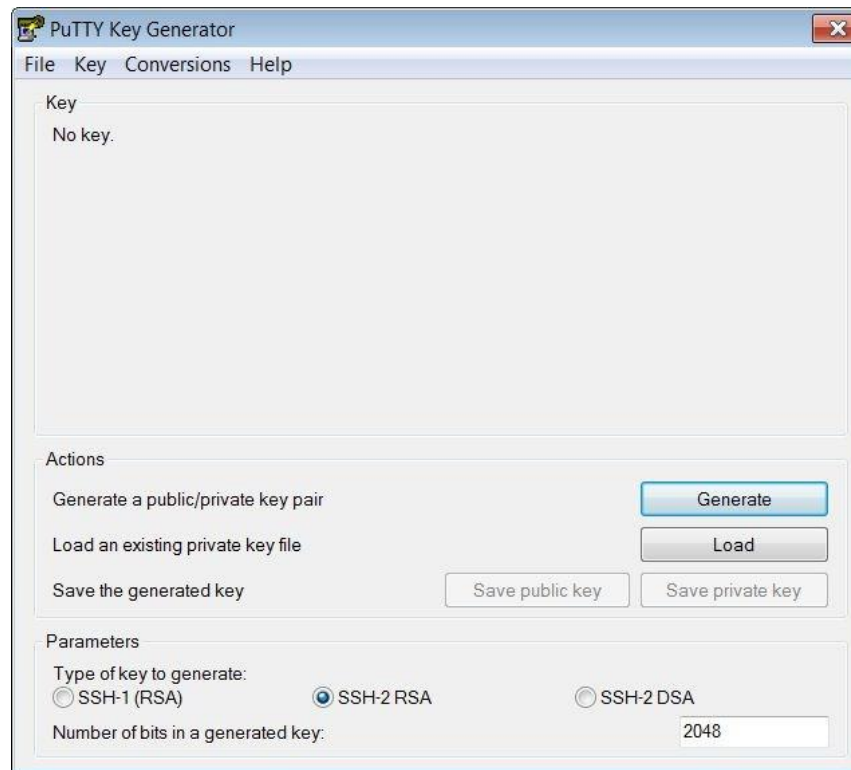
To console into your virtual machine from a Windows PC, you need to download two applications.

Go to: <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

Then save the **putty.exe** and **puttygen.exe** files to your computer.

When done downloading, open the **PuTTY Key Generator** application.

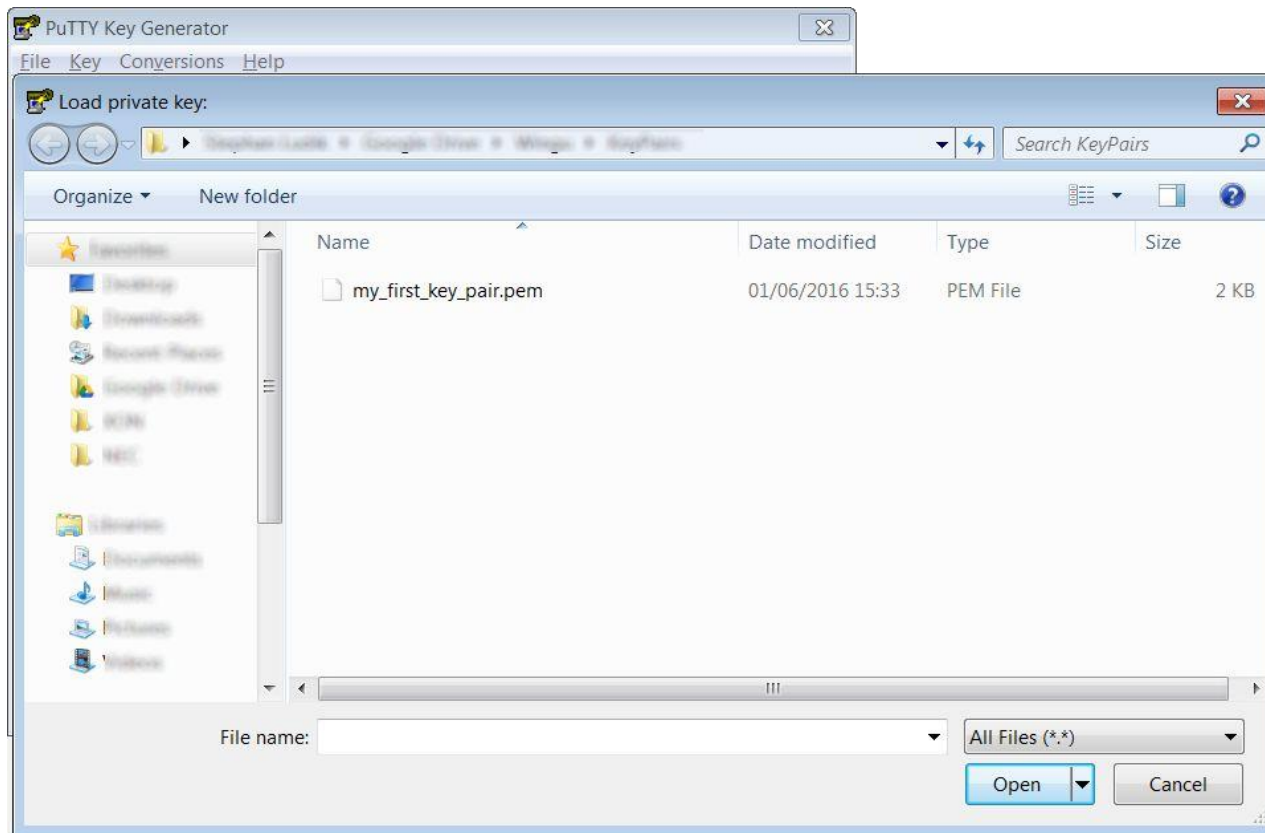
Click on the **Load** button. This will open a dialog where you will be able to locate your .pem file on your computer.



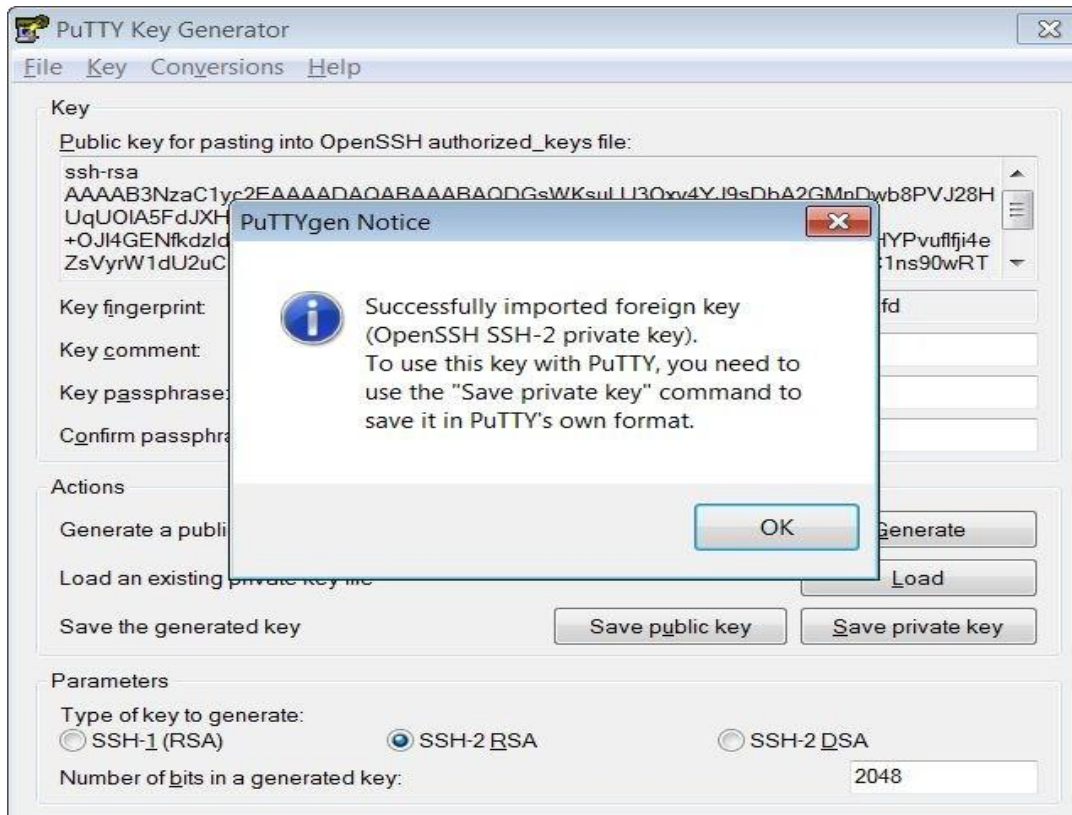
Console into Linux instance from



Be sure to enable the open dialog to view **All Files (*.*)** and then to select your **.pem** file. Then click the **Open** button.



Ensure you see the **Successfully imported foreign key** message.
Then click the **OK** button.

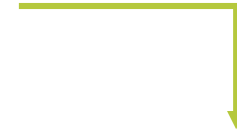
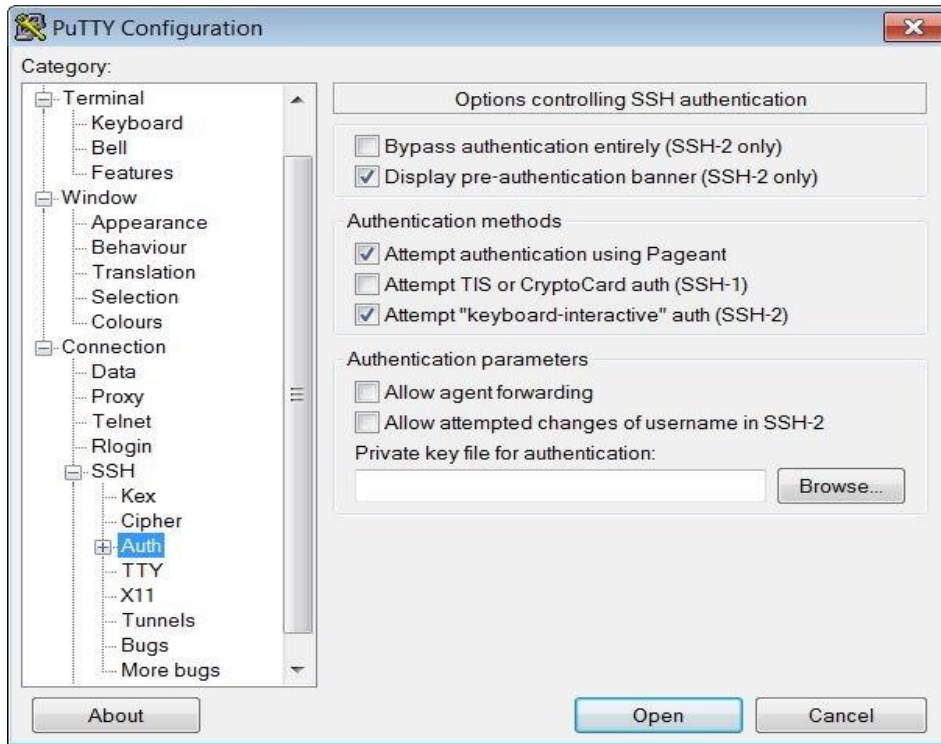


Now click the **Save private key** button.



Click the **Yes** button when prompted to continue without setting a passphrase. Then select your location to save the new .ppk file to. Click **Save** when done. Close the PuTTY Key Generator. Open the **PuTTY Configuration** application.

Open the PuTTY desktop application.



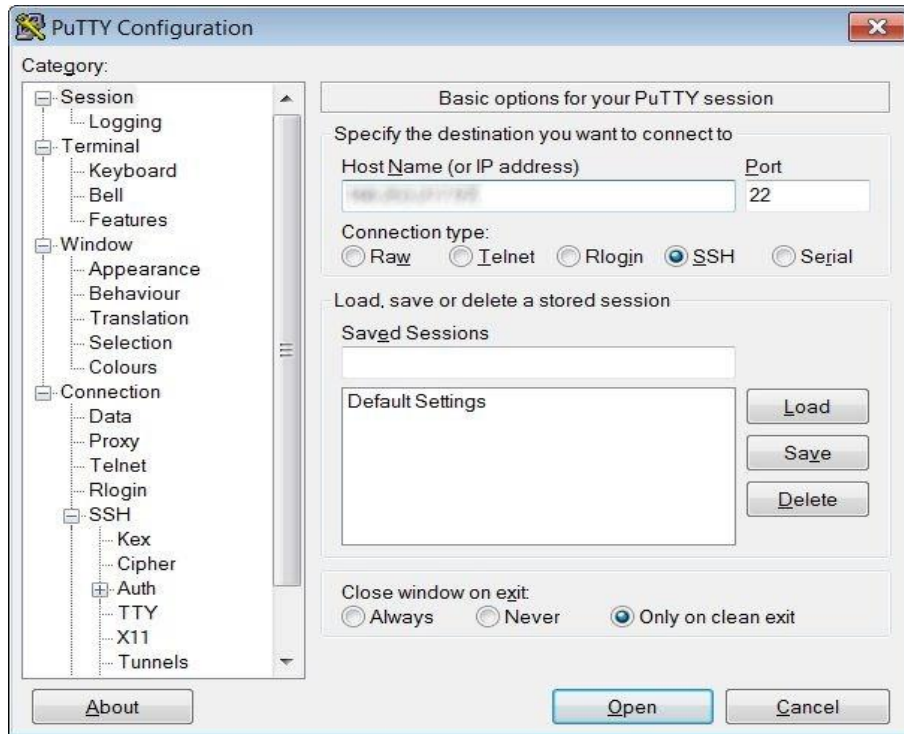
Click on the **Connection** tree item, then select the **SSH** tree sub-item and then click on the **Auth** tree sub-item.

Click on the **Browse** button, and select the .ppk file you just created then click the **Open** button.

Console into Linux instance from

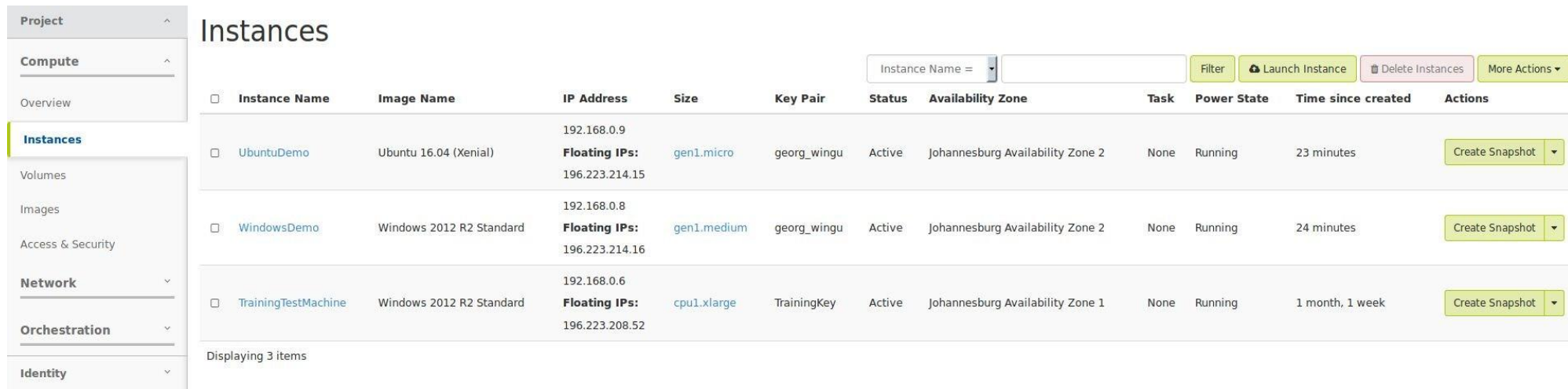


Now click on the **Session** tree item right at the top of the tree view.



Enter the floating IP of your virtual instance in the **Host Name (or IP address)** field, then click the **Open** button.

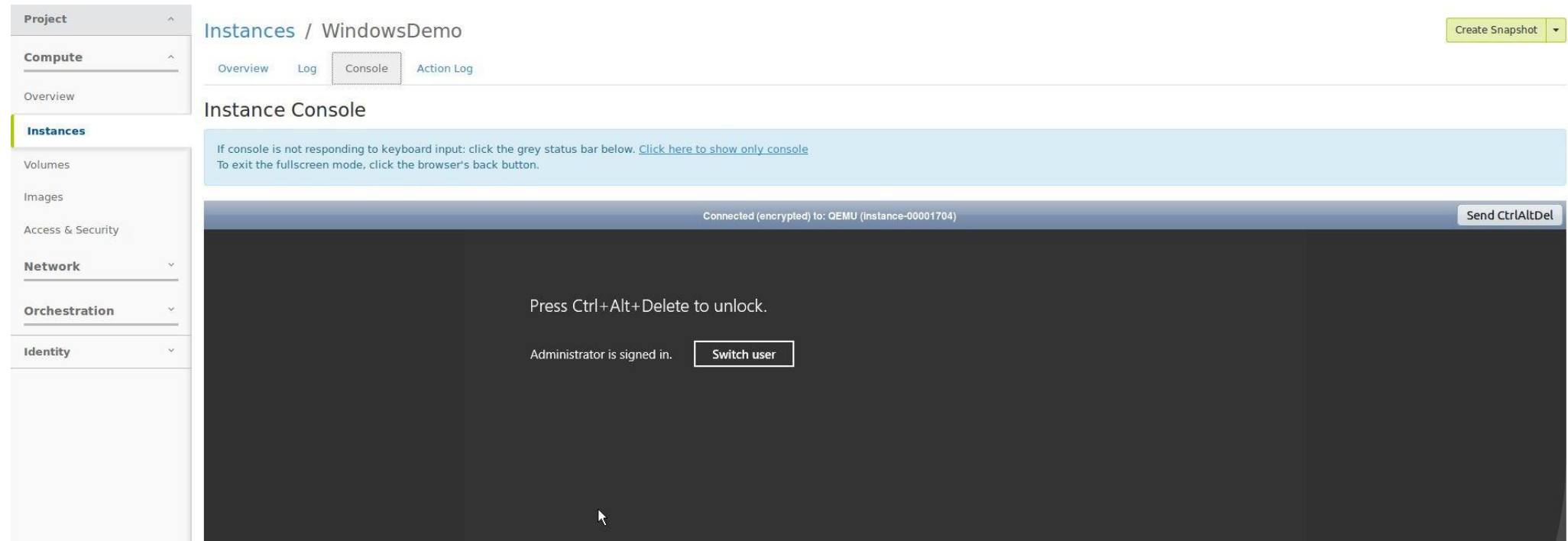
Let's have a look at using the Cloud Console. Navigate to the instances page. Click on the name of the instance you want to use the console for.



The screenshot shows the Google Cloud Platform 'Instances' page. On the left is a navigation sidebar with categories: Project, Compute, Overview, Instances (highlighted), Volumes, Images, Access & Security, Network, Orchestration, and Identity. The main content area is titled 'Instances' and features a search bar for 'Instance Name', a 'Filter' button, and action buttons for 'Launch Instance', 'Delete Instances', and 'More Actions'. Below this is a table with columns: Instance Name, Image Name, IP Address, Size, Key Pair, Status, Availability Zone, Task, Power State, Time since created, and Actions. Three instances are listed: UbuntuDemo, WindowsDemo, and TrainingTestMachine. Each instance row has a 'Create Snapshot' button in the Actions column. At the bottom of the table, it says 'Displaying 3 items'.

Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
<input type="checkbox"/> UbuntuDemo	Ubuntu 16.04 (Xenial)	192.168.0.9 Floating IPs: 196.223.214.15	gen1.micro	georg_wingu	Active	Johannesburg Availability Zone 2	None	Running	23 minutes	Create Snapshot
<input type="checkbox"/> WindowsDemo	Windows 2012 R2 Standard	192.168.0.8 Floating IPs: 196.223.214.16	gen1.medium	georg_wingu	Active	Johannesburg Availability Zone 2	None	Running	24 minutes	Create Snapshot
<input type="checkbox"/> TrainingTestMachine	Windows 2012 R2 Standard	192.168.0.6 Floating IPs: 196.223.208.52	cpu1.xlarge	TrainingKey	Active	Johannesburg Availability Zone 1	None	Running	1 month, 1 week	Create Snapshot

When the page loads click on the **Console** tab underneath your instance name to view your instance through the web browser.



The screenshot shows the OpenStack console interface for a Windows instance. On the left is a navigation sidebar with categories: Project, Compute, Instances (highlighted), Volumes, Images, Access & Security, Network, Orchestration, and Identity. The main content area is titled "Instances / WindowsDemo" and includes a "Create Snapshot" button. Below the title are tabs for "Overview", "Log", "Console" (selected), and "Action Log". The "Instance Console" section contains a light blue warning box: "If console is not responding to keyboard input: click the grey status bar below. [Click here to show only console](#). To exit the fullscreen mode, click the browser's back button." The console window itself shows a connection status "Connected (encrypted) to: QEMU (instance-00001704)" and a "Send CtrlAltDel" button. The main display area is dark with the text "Press Ctrl+Alt+Delete to unlock." and "Administrator is signed in." with a "Switch user" button.

Use Remote Desktop to console into



The second way to access your windows server is to use Windows Remote Desktop to access the server.



Enter the floating IP of your virtual instance in the **Computer** field, then click the **Connect** button. You will be prompted for an username and password.

If you forgot your password follow the **How to retrieve your instance password** guide to retrieve your password.

Thank you

For Support log a call at:
support@wingu.co.za