Launching a Development Instance

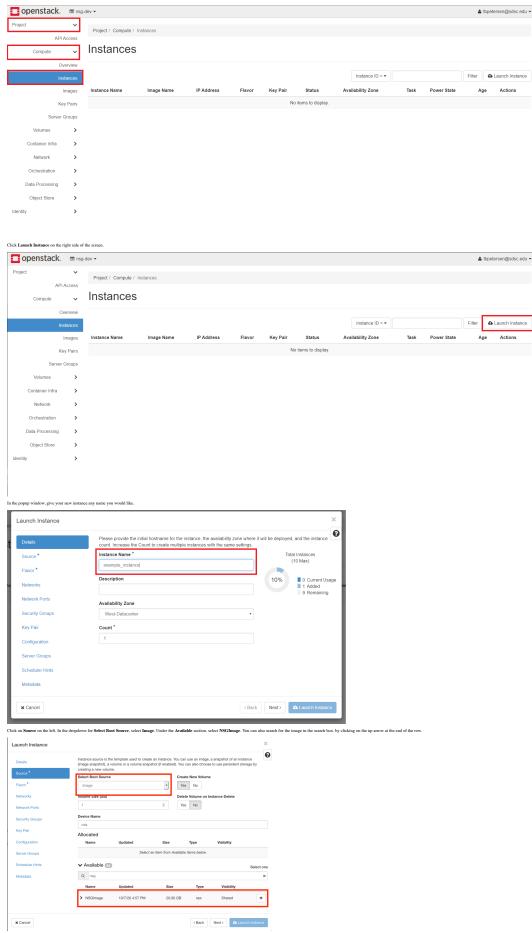
Development instances on the SDSC Cloud come prepackaged with software for development

Navigate to the Instances page. You can do this by going to Project -> Compute -> Instances in the navigation menu on the left.

ent that the Neuroscience Gateway (NSG) provides for neuroscience tool developers. The SDSC cloud based developers ent inclinates a senitable instance on the SDSC cloud and use an image that includes basic software stack and tools that neuroscience tool developers may use for their tool development work. It Python 2.7 Python 3 Tight/NC Google Chrome (for use with VNC) Jupyler Open MPI 3.1.4 Neuron 7.7 Singularity 3.1.0 Getting Started Development is done on the SDSC Cloud. To access the cloud dashboard, follow this link. You will log in with the username and password given to you by NSG. Adding an SSH Key openstack. ■ nsg-dev ▼ å tbpetersen@sdsc.edu ▼ Displaying 2 items Data Processing Create a Key Pair Click Create Key Pair on the right side of the screen. Give it any name that you would like and select SSH Key as the key type. Finally, click Create Key Pair. Your browser will automatically download the private key for you. You can store the private key anywhere on your computer. Remember the location you will need it when you try to SSH into your instance Upload a Public Key Adding an SSH Security Group Navigate to the Security Groups page. You can do this by going to Project -> Network -> Security Groups in the navigation menu on the left. openstack. ■ nsg-dev -Project / Network / Security Groups Security Groups Displaying 2 items Security Group ID e285019b-19f0-4420-8dea-92ba8584fbdd default 0ab162ae-f91c-4566-8fd3-75e67a7b1ddf Default security group Manage Rules

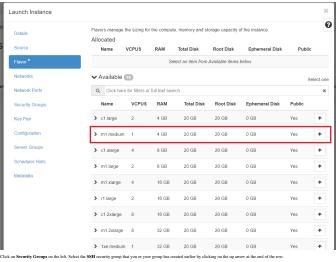
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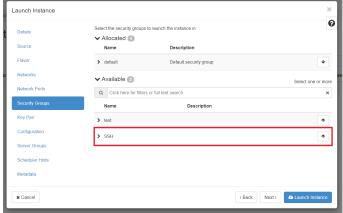
rity group "SSH" and then click Create Security Group. Next, click Add Rule on the right side of the screen. In the Rule dropdown, select SSH. Click Add to add the rule



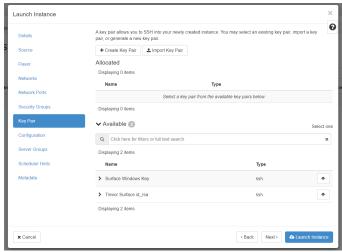
Click on Flavor on the left. Select the flavor with the CPU and RAM configuration that meets your needs by clicking on the up arrow at the end of the row. For this example, I will use m1.mediu.

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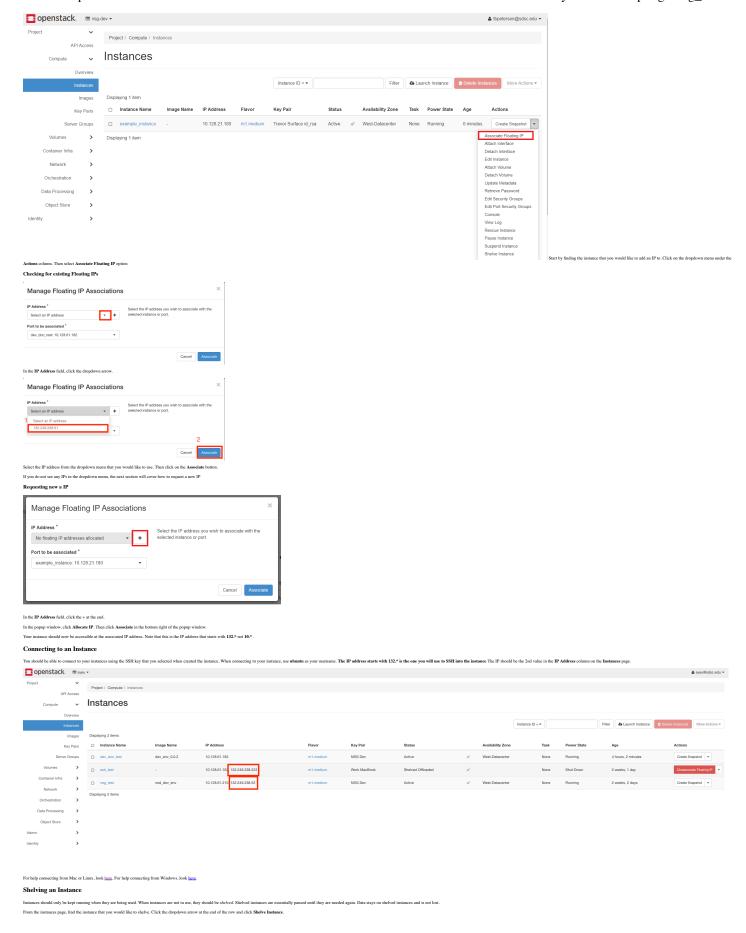
Click on Key Pair on the left. Select the SSH Key that you created earlier by clicking on the up arrow at the end of the row



Click Launch Instance on the bottom right of the popup to finish.

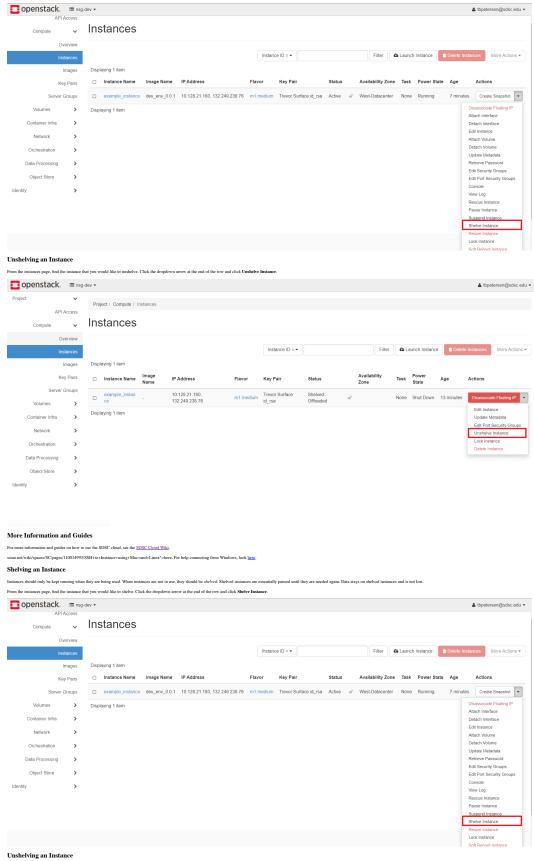
Assigning a public IP Address

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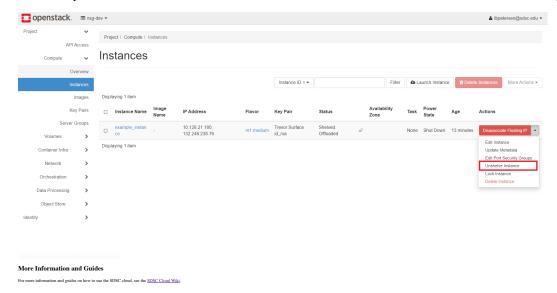


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Firefox Developer Edition



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