

## ClearRack Cloud Servers – Monitoring and Managing

As a ClearRack user you are provided with access to your own unique web interface that empowers you to create, modify, monitor and manage instances/virtual machines. As a user with multiple departments to manage or as a ClearRack reseller with multiple clients, you can take advantage of ClearRack **Projects** to create discrete portals within your own to organize and manage your user groups and the servers you build for them independently.

Once your Instance has been created, you can monitor your virtual machine's status, view usage statistics and check IP addresses. You can stop and restart your virtual machine. With your machine in stop mode, you can reconfigure the RAM and CPU options you selected in the Compute Offering step—**something that other cloud server providers don't allow**.

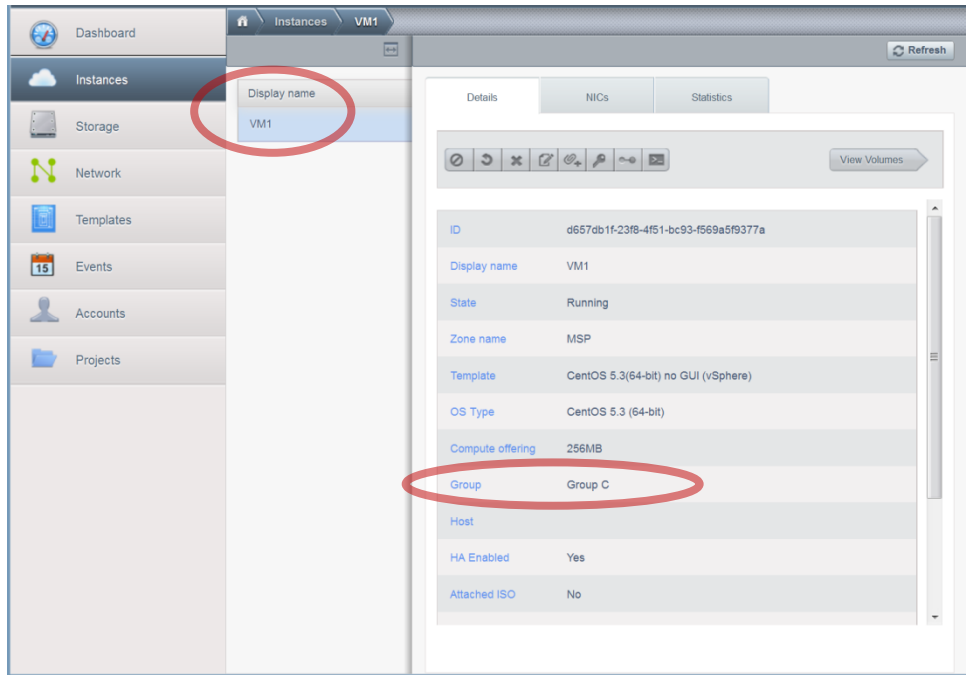
### Managing Multiple VMs

As part of the VM building process, you are given the option to:

- 1) Give your machine a name. It is recommended that you exercise this option. If the machine name is omitted, one will automatically be generated and it will consist of randomly generated characters (e.g. 2b7dff4b-boef-46a5-8740-b6ocbb86bea5). You may find such a name more difficult to remember and work with than a name of your choosing.
- 2) Assign it to a group.

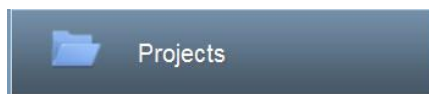
Please review the following information and confirm that your virtual instance is correct before launch.	
Name (Optional)	<input type="text"/>
Add to group (Optional)	<input type="text"/>
Zone	<a href="#">Edit</a>
Hypervisor	<a href="#">Edit</a>
Template	<a href="#">Edit</a>
Compute offering	<a href="#">Edit</a>
Data Disk Offering	<a href="#">Edit</a>
Primary Storage	<a href="#">Edit</a>

Your Instance's screen displays all the virtual machines you've created by name. When you click on the name a window opens that lists the name, the group name and all of the data pertaining to that instance. In this example only one instance has been created, VM1, and it has been assigned to Group C.



If you are creating multiple VMs for various groups, you can keep your list organized by naming machines belonging to a common group with a common prefix as part of the name.

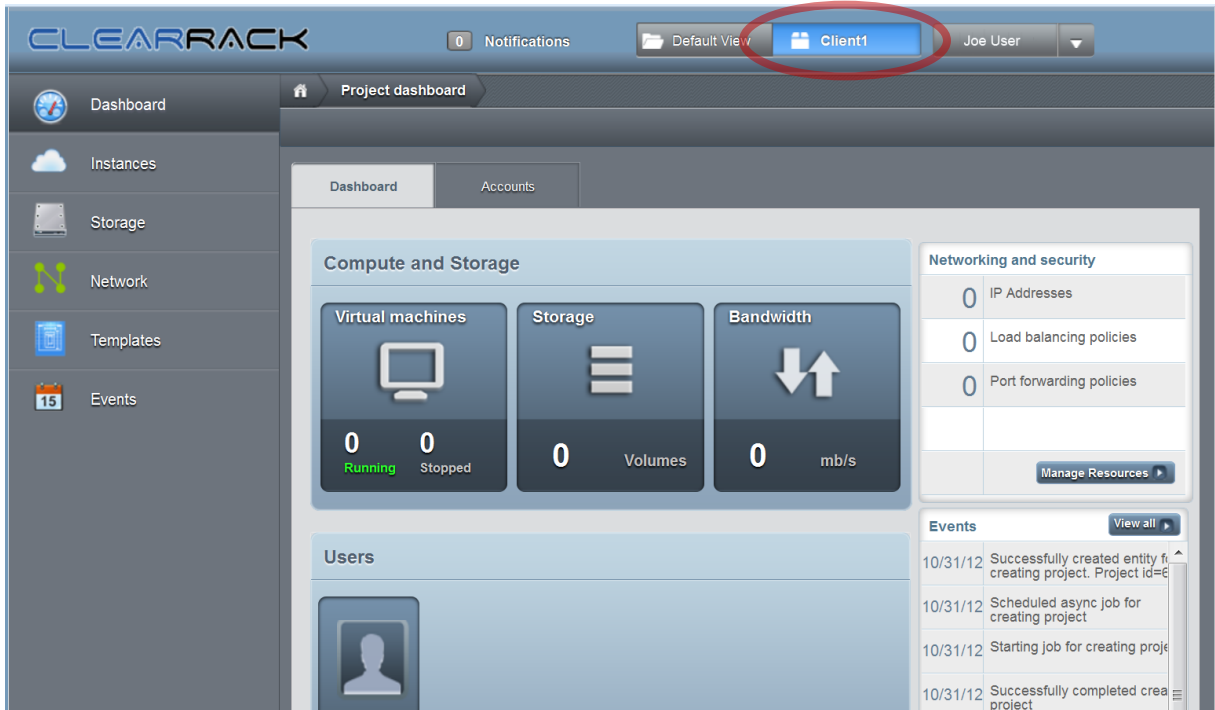
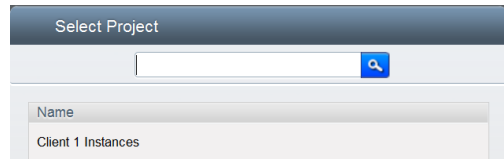
### Using Projects



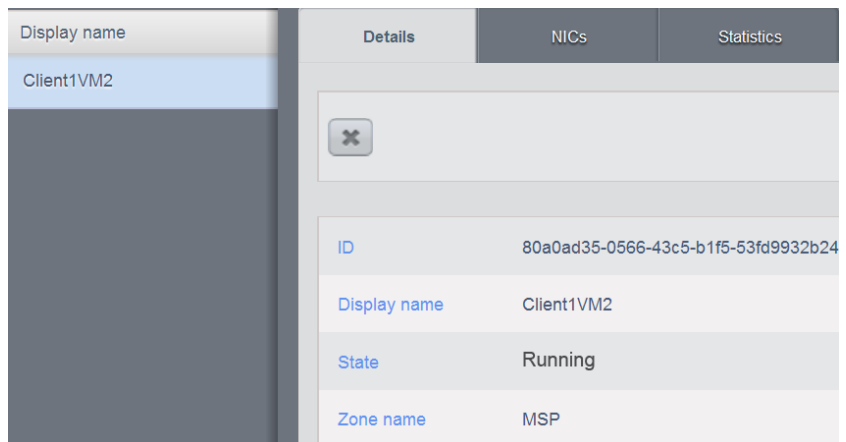
Further organize the instances you create through the use of unique Projects. First, click on the Projects subheading on your dashboard. Then click

on the "add New Project" button. Give your project a name and enter the text you want to display to help you identify which instances belong to which projects, clients or departments.

Once you've created a Project, switch to the Project View and select the project you've created. You will then be taken to a dashboard dedicated to that specific Project.



From here you can build instances, specify storage options, add networks and create templates, just like you can from your default user view. All virtual machines that you create under this project name, in this example "Client1", remain the exclusive instances of the Client1 project.



Create multiple projects, one for each of your clients or subgroups and you will be able to monitor and manage all of the VMs you create on a client-by-client basis.