

Horizon Launch Instance Mockups

04/30/14

The following screens show an alternate approach to the process a user goes through in order to launch a new instance.

This is a concept/idea that requires designer and developer reviews and usability testing. It shouldn't be treated as a final design.

- Project
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- Volumes
- Images
- Access & Security
- Orchestration
- Admin

Instances

Instances

Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power
No items to display.								
Displaying 0 items								

No network found

You need at least one network set up to launch an instance.

[Create network now >](#)

Instance List

1 If a network has not been created, the user will see this message. They may dismiss the message, or they can click the link to jump over to the Create Network form. The user must have permission to create networks and the environment must be configured correctly.

The screenshot shows the OpenStack 'Launch Instance' dialog box, Step 1: Name & Config. The dialog is overlaid on the 'Instances' page. The dialog has a progress bar with four steps: 1. Name & Config (active), 2. Image, 3. Flavor, and 4. Access. The fields in the dialog are: Availability Zone (default avail zone), Number of Instances (3), Instance Name (my_instance_7896), Disk Partition (Automatic), and Post-creation script (optional). A red callout '1' points to the 'Number of Instances' field, which also displays '48 of 60 remain'. The dialog has a 'Cancel' button and a 'Next Step: Image' button. The background shows the OpenStack 'Instances' page with a 'Launch Instance' button and a 'Filter' button.

Launch Instance, Step 1: Name & Config

Users arrive on this page after they click the "Launch Instance" button.

- 1 Indicates that the users quota is 60 instances, and that they will have 48 remaining after they create 3. This number updates when the user changes the value in the text field.

The screenshot shows the 'Launch Instance' dialog box in the OpenStack interface, specifically the '2. Image' step. The dialog has a progress bar with four steps: 1. Name & Config, 2. Image, 3. Flavor, and 4. Access. The '2. Image' step is currently active. Inside the dialog, there is a table with the following data:

Image	Min RAM	Min Disk
Windows	2	50
Ubuntu 1	2	50
Ubuntu 3	2	50
Another Image	2	50
Windows	2	50
Ubuntu 1	2	50
Ubuntu 3	2	50
Another Image	2	50

Below the table, there is a checkbox labeled 'Add Persistent Disk (optional)'. The dialog also includes 'Cancel', 'Back', and 'Next Step: Flavor' buttons at the bottom.

Launch Instance, Step 2: Image

- 1 Images may also display information about the minimum resources required by the image.
- 2 This checkbox will be enabled if the user selects an image type that supports the feature.

The screenshot shows the OpenStack dashboard with the 'Launch Instance' dialog box open. The dialog is in the '2. Image' step. On the left, there is a table of available images. On the right, the 'Add Persistent Disk' option is checked, and the 'Disk Name' field is populated with 'default_disk_name'. The 'Size' field is set to 200 GB, and a note indicates that 1400 GB of 6000 GB remain. Below the size field, there are two radio button options for what happens when the instance is terminated: 'I will delete this volume myself' (selected) and 'automatically delete this volume'.

Image	Min RAM	Min Disk
Windows	2	50
Ubuntu 1	2	50
Ubuntu 3	2	50
Another Image	2	50
Windows	2	50
Ubuntu 1	2	50
Ubuntu 3	2	50
Another Image	2	50

Launch Instance, Step 2: Image

1 If user checks box to add a persistent disk, the disk name, size and option fields will appear.

Launch Instance 1. Name & Config 2. Image 3. Flavor 4. Access

⚠ Some Flavors are unavailable because they would cause you to exceed your quota. [Request Quota Increase](#)

Remaining Resources

	70 of 100	750 of 1000	450 of 1000	2900 of 4000	
	vCPU	RAM GB	Root Disk	Ephemeral Disk	Total Disk
Nano	2	512	1	1	2
Small	3	1	10	2	12
Medium	4	2	50	3	53
Large	5	4	100	4	104
Extra Large	6	8	500	5	505
Network Optimized	6	8	500	6	506

Cancel Back Next Step: Access

Launch Instance, Step 3: Flavor

- 1 The system will compare a user's available resources with each flavor and let them know if any flavors are unavailable.
- 2 Clicking this link could launch a form or an email dialog.
- 3 Quota information updates as the user clicks on the different flavors. Colors could be used to indicate how much of the resource remains, or the circles could be a neutral color.

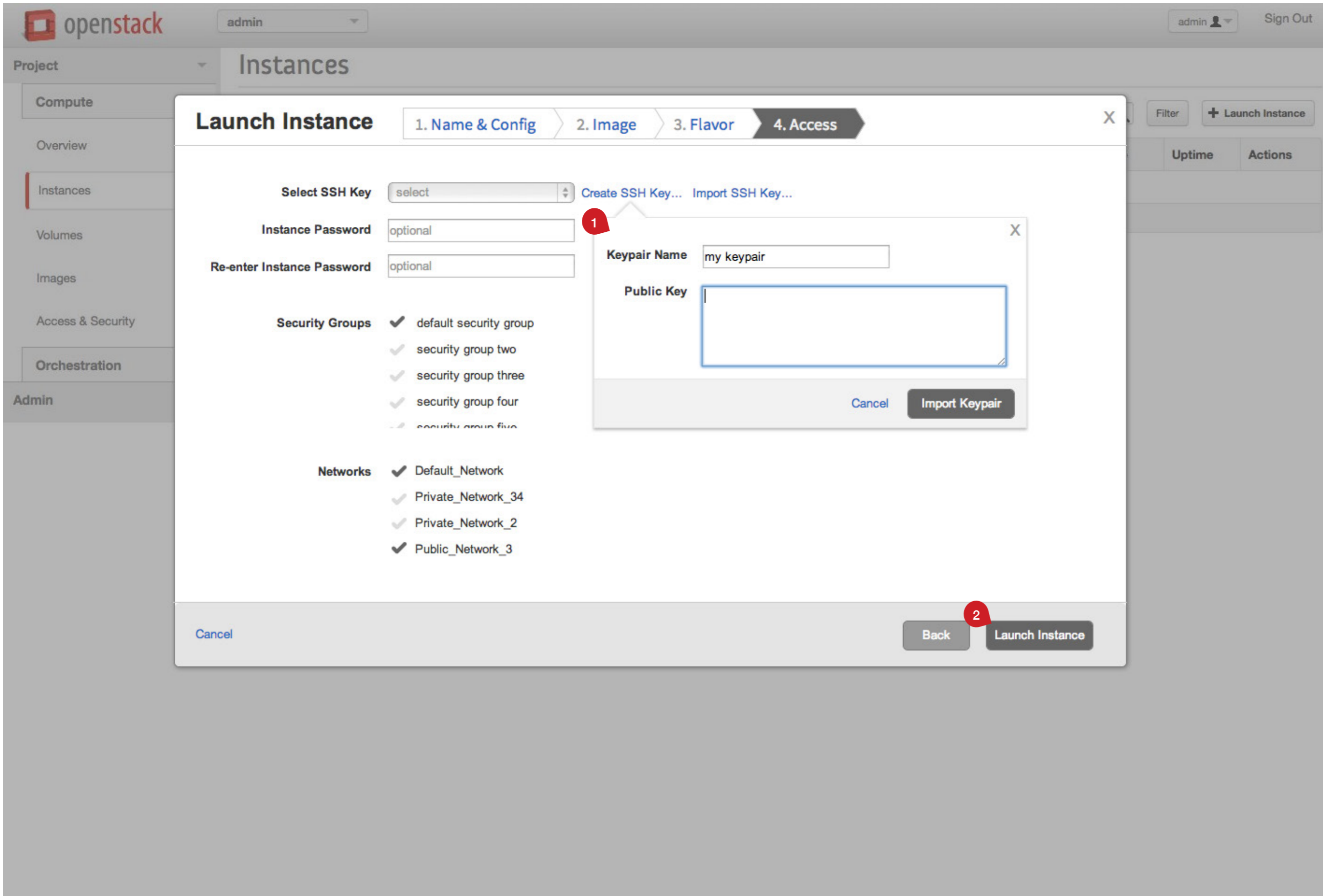
The screenshot shows the 'Launch Instance' dialog box in the OpenStack Horizon interface, specifically the '4. Access' step. The dialog has a progress bar at the top with four steps: '1. Name & Config', '2. Image', '3. Flavor', and '4. Access'. The '4. Access' step is highlighted. Below the progress bar, there are four main sections:

- Select SSH Key:** A dropdown menu with 'select' as the current value. To its right are links for 'Create SSH Key...' and 'Import SSH Key...'. A red callout '1' points to the dropdown.
- Instance Password:** A text input field with 'optional' as the placeholder.
- Re-enter Instance Password:** A text input field with 'optional' as the placeholder.
- Security Groups:** A multi-select list with five items: 'default security group', 'security group two', 'security group three', 'security group four', and 'security group five'. The first four are checked. A red callout '2' points to the list.
- Networks:** A multi-select list with four items: 'Default_Network', 'Private_Network_34', 'Private_Network_2', and 'Public_Network_3'. All four are checked. A red callout '2' points to the list.

At the bottom of the dialog, there are three buttons: 'Cancel', 'Back', and 'Launch Instance'.

Launch Instance, Step 4: Access

- 1 Users can create or import an SSH Key without leaving this screen.
- 2 Security Groups and Networks are multi-select fields. It would be nice to have default values for these.



Launch Instance, Step 4: Access

1 This dialog shows how a user might add an SSH key.

2 When user clicks launch instance, the dialog closes and their instance will build - so long as they have completed the form correctly.

* Error handling isn't shown in this mockup because this work is being done in parallel and isn't yet complete.

* Contextual help (inline links or tool tips with help related to specific areas of the page) isn't shown in this mockup because this work is being done in parallel and isn't yet complete.