

Tap Flow Creation/Deletion from GUI

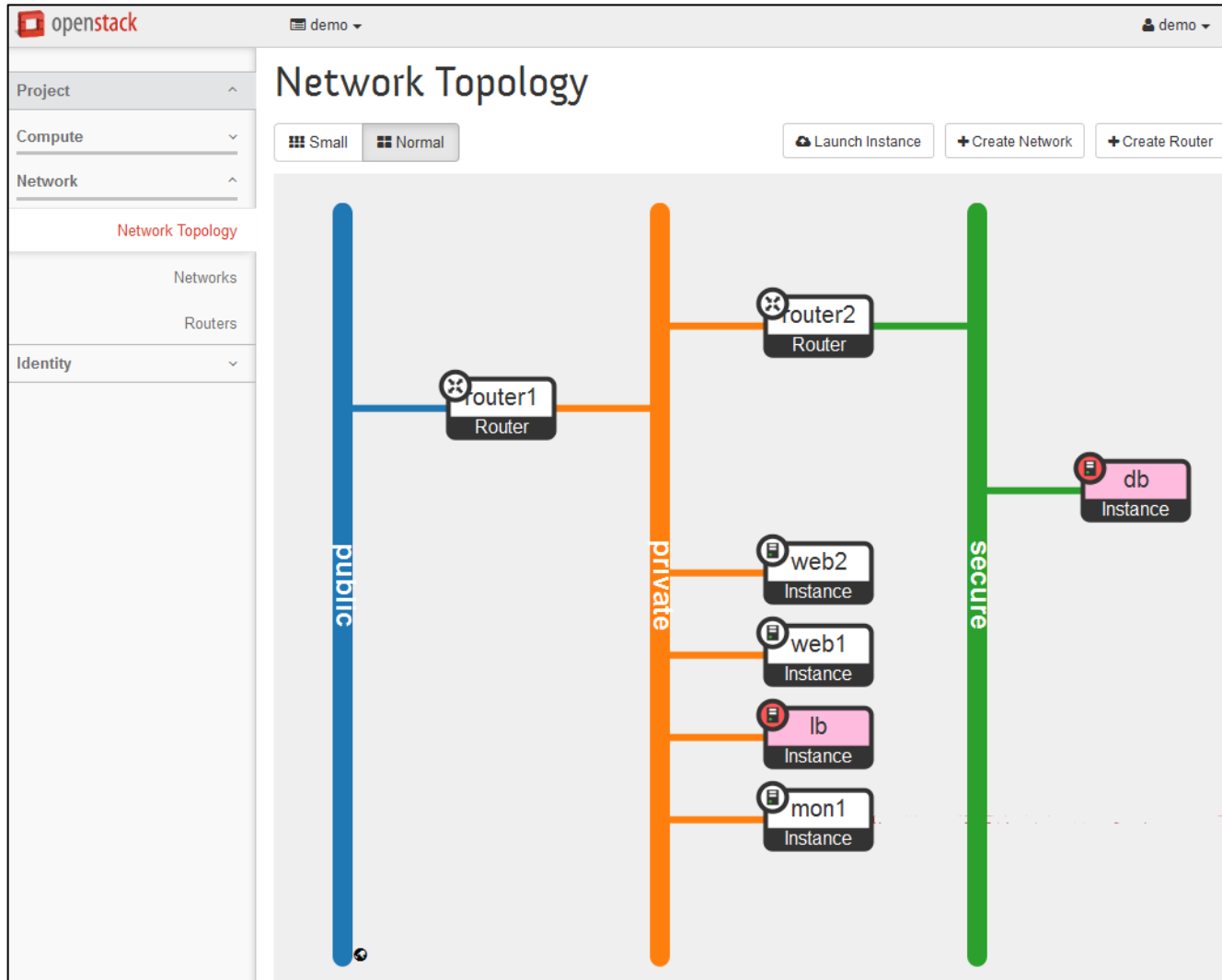
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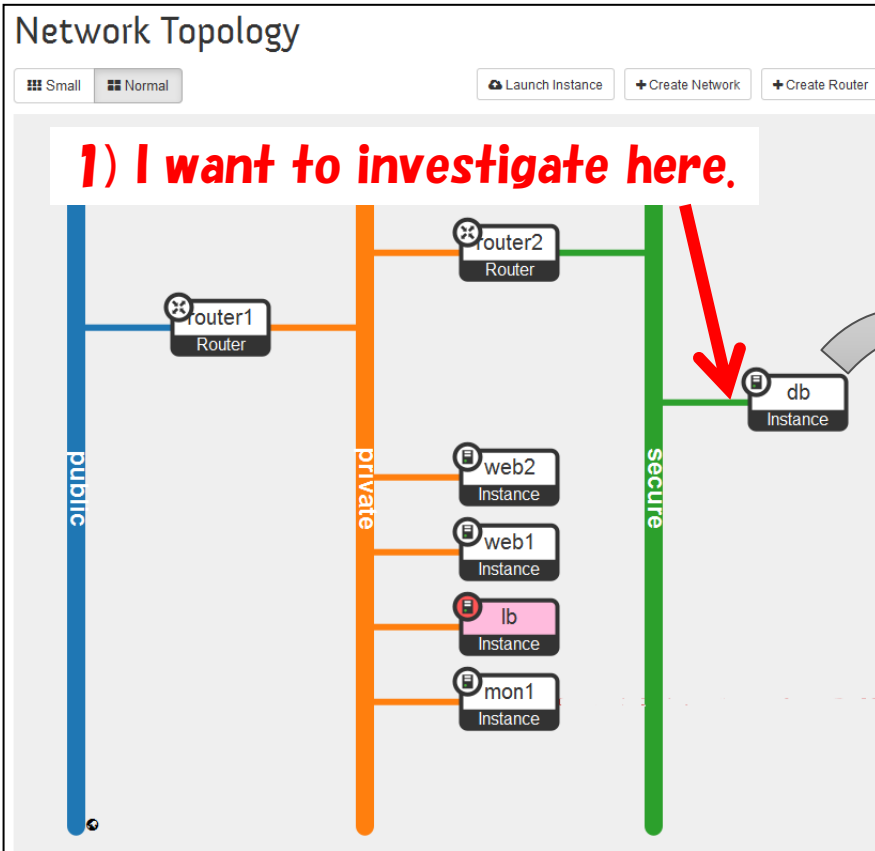
- We think that following capabilities are required to familiarize TaaS to users.
 - Supporting operations from the dashboard.
(Currently, only TaaS CLI is provided.)
 - Visualizing tap flows are existing for which instances.

Visualization on “Network Topology” Panel

- An instance is colored pink if a tap-flow created for its port.



Create Tap Flow from GUI



- 1) On the dashboard (“Network Topology” panel), select an instance which you want to investigate.
- 2) Move to “Instance Details” panel by clicking the icon.
- 3) You can create a tap (a tap flow) by just clicking a command.

Instance Details: db

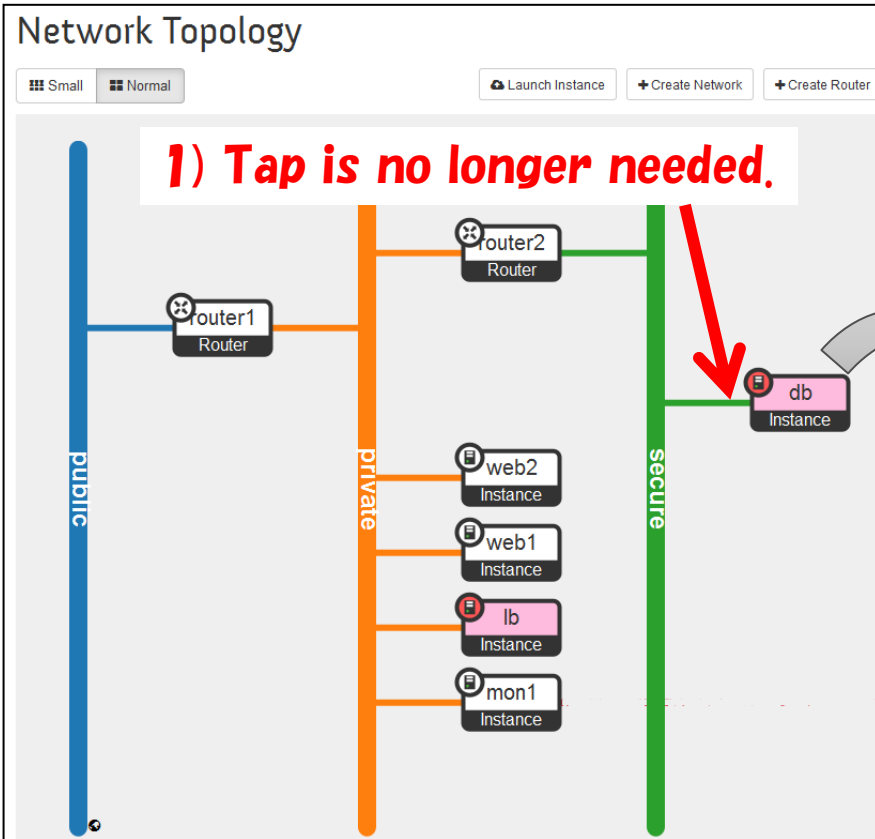
3) Just one click
“Create Virtual Tap”

The Instance Details panel for the db instance shows various tabs (Overview, Log, Console, Action Log) and a list of actions. The "Create Virtual Tap" button is highlighted in a red dashed box with a red arrow pointing to it. Other actions include Create Snapshot, Associate Floating IP, Disassociate Floating IP, Edit Instance, Edit Security Groups, Console, View Log, Pause Instance, Suspend Instance, Resize Instance, Lock Instance, Unlock Instance, Soft Reboot Instance, Hard Reboot Instance, Shut Off Instance, Rebuild Instance, and Terminate Instance.

Instance Overview	
Information	
Name	db
ID	b001d66d-b06b-4e86-9302-73f79d0ff960
Status	Active
Availability Zone	az2
Created	Oct. 6, 2015, 2:14 a.m.
Time Since Created	1 month, 1 week
Host	-
Specs	
Flavor	m1.small
Flavor ID	2
RAM	2GB
VCPUs	1 VCPU
Disk	20GB
IP Addresses	
Secure	192.168.2.4

* Currently we assume only one tap-service exists.
(In case of multiple tap-service exist, the first tap-service-id found by “tap-service-list” is used.)

Delete Tap Flow from GUI



- 1) On the dashboard (“Network Topology” panel), select an instance which you want to delete a tap.
- 2) Move to “Instance Details” panel by clicking the icon.
- 3) You can delete a tap (a tap flow) by just clicking a command.

Instance Details: db

3) Click “Delete Virtual Tap”

Overview Log Console Action Log

Instance Overview

Information

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Status	Active
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Specs

Flavor	m1.small
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IP Addresses

Secure	192.168.2.4
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- Create Snapshot
- Associate Floating IP
- Disassociate Floating IP
- Edit Instance
- Edit Security Groups
- Console
- View Log
- Pause Instance
- Suspend Instance
- Resize Instance
- Lock Instance
- Unlock Instance
- Soft Reboot Instance
- Hard Reboot Instance
- Shut Off Instance
- Rebuild Instance
- Terminate Instance

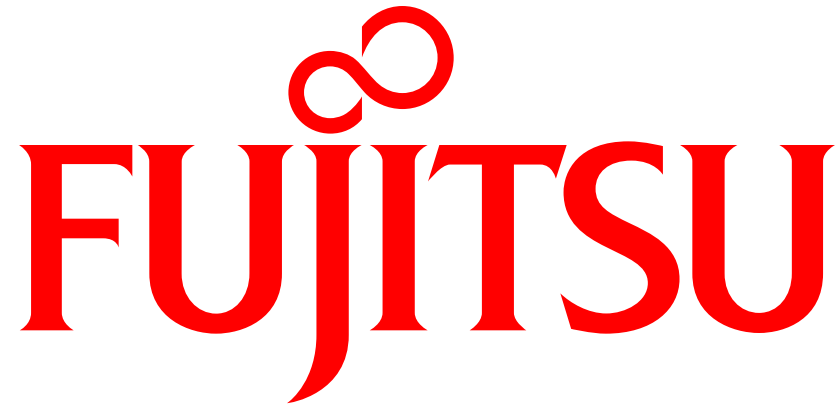
4) Confirmation message will be shown

Confirm Delete Virtual Tap

Please confirm your selection.

Delete Virtual Tap Cancel

- We have implemented a prototype on our site.
(We modified Horizon and Neutron client.)
- We are also planning to design a GUI for creation/deletion of a tap-service.



shaping tomorrow with you