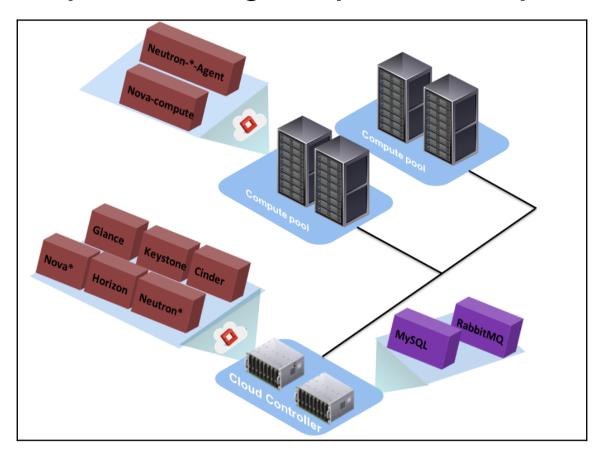
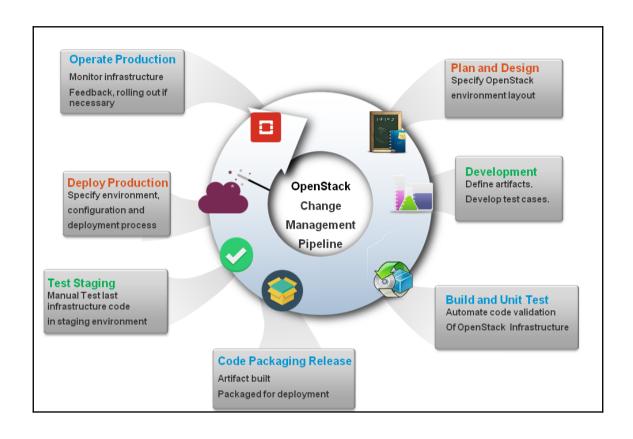
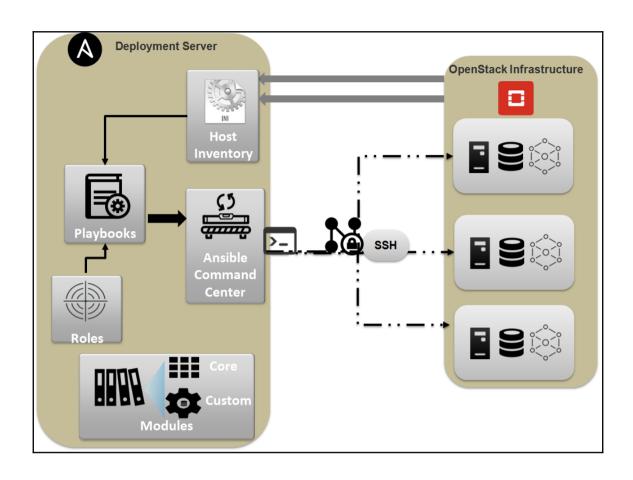
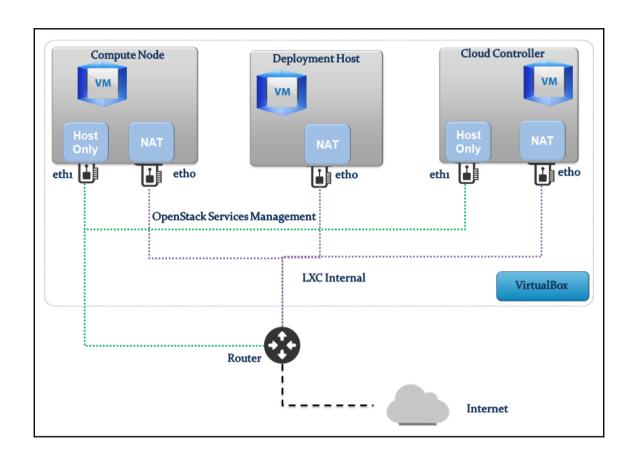
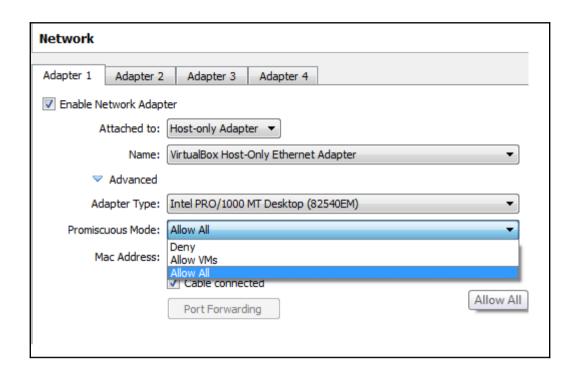
Chapter 1: Inflating the OpenStack Setup

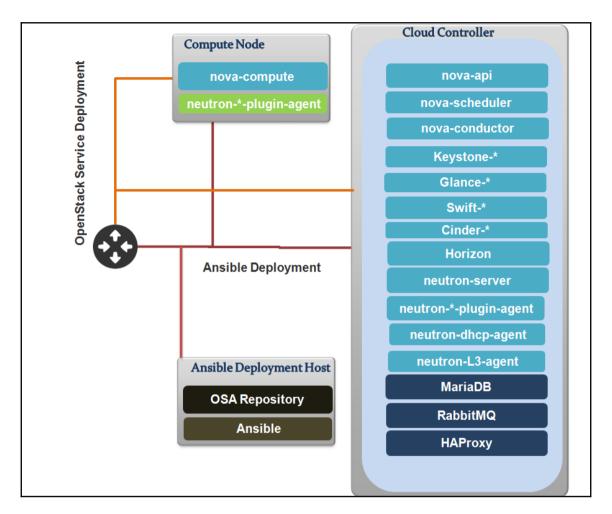












Creating backup file [/opt/openstack-ansible/etc/openstack_deploy/user_secrets.yml.tar]
Operation Complete, [/opt/openstack-ansible/etc/openstack_deploy/user_secrets.yml] is ready

- executing: git clone https://git.openstack.org/openstack/openstack-ansibl
- executing: git archive --prefix=repo_build/ --output=/tmp/tmpR3aLx3.tar a
- extracting repo_build to /etc/ansible/roles/repo_build
- repo_build was installed successfully
- dependency pip_install is already installed, skipping.
- dependency apt_package_pinning is already installed, skipping.
- dependency galera_client is already installed, skipping.
- executing: git clone https://git.openstack.org/openstack/openstack-ansibl
- executing: git archive --prefix=repo_server/ --output=/tmp/tmptmjiap.tar
- extracting repo_server to /etc/ansible/roles/repo_server
- repo_server was installed successfully

TASK: bootstrap-host : Install required packages 954.66s
TASK: pip_install : Get Modern PIP
TASK: bootstrap-host : Start the network interfaces 9.68s
TASK: bootstrap-host: Update apt-cache 4.47s
TASK: bootstrap-host : Format the Swift files 3.99s
TASK: pip_install : Install pip packages 3.83s
TASK: setup 2.62s
TASK: pip_install : Install PIP 2.00s
TASK: pip_install : Create pip config directory 1.69s
TASK: bootstrap-host : Determine the fastest available OpenStack-Infra wheel mirror 1.58s
+ popd
/opt/openstack-ansible

	STATE	AUTOSTART	GROUPS		IPV4
aodh_container-70cdf33d	RUNNING	1	onboot,	openstack	10.255.255.171,
ceilometer_api_container-16fe9226	RUNNING	1	onboot,	openstack	10.255.255.189
ceilometer_collector_container-72ab041c	RUNNING	1	onboot,	openstack	10.255.255.209
cinder_api_container-cd15f0d2	RUNNING	1	onboot,	openstack	10.255.255.41,
cinder_scheduler_container-489fc683	RUNNING	1	onboot,	openstack	10.255.255.132
galera_container-1930b1a0	RUNNING	1	onboot,	openstack	10.255.255.66,
glance_container-33f98508	RUNNING	1	onboot,	openstack	10.255.255.190,
gnocchi_container-386eb4bc	RUNNING	1	onboot,	openstack	10.255.255.40,
heat_apis_container-a9372f6a	RUNNING	1	onboot,	openstack	10.255.255.143,
heat_engine_container-99b8aab1	RUNNING	1	onboot,	openstack	10.255.255.108
horizon_container-dcb08a11	RUNNING	1	onboot,	openstack	10.255.255.188
keystone_container-db00df62	RUNNING	1	onboot,	openstack	10.255.255.133
memcached_container-592df24c	RUNNING	1	onboot,	openstack	10.255.255.147
neutron_agents_container-729a602f	RUNNING	1	onboot,	openstack	10.255.255.202
neutron_server_container-1ba99d59	RUNNING	1	onboot,	openstack	10.255.255.231,
nova_api_metadata_container-d772dc9d	RUNNING	1			10.255.255.219
nova_api_os_compute_container-38a80900	RUNNING	1	onboot,	openstack	10.255.255.154
nova_cert_container-64420c97	RUNNING	1	onboot,	openstack	10.255.255.236
nova_conductor_container-68ce1148	RUNNING	1	onboot,	openstack	10.255.255.210
nova_console_container-552f6a20	RUNNING	1	onboot,	openstack	10.255.255.5, 1
nova_scheduler_container-a4606380	RUNNING	1	onboot,	openstack	10.255.255.146,
rabbit_mq_container-d8b9ac65	RUNNING	1	onboot,	openstack	10.255.255.233
repo_container-aa32c35e	RUNNING	1	onboot,	openstack	10.255.255.230
rsyslog_container-59f5f9d8	RUNNING	1	onboot,	openstack	10.255.255.136
swift_proxy_container-88f11481	RUNNING	1	onboot,	openstack	10.255.255.225
utility_container-55723a11	RUNNING	1	onboot,	openstack	10.255.255.138

COMMON OPENSTACK ENVS

export OS_ENDPOINT_TYPE=internalURL

export OS_INTERFACE=internalURL

export OS_USERNAME=admin

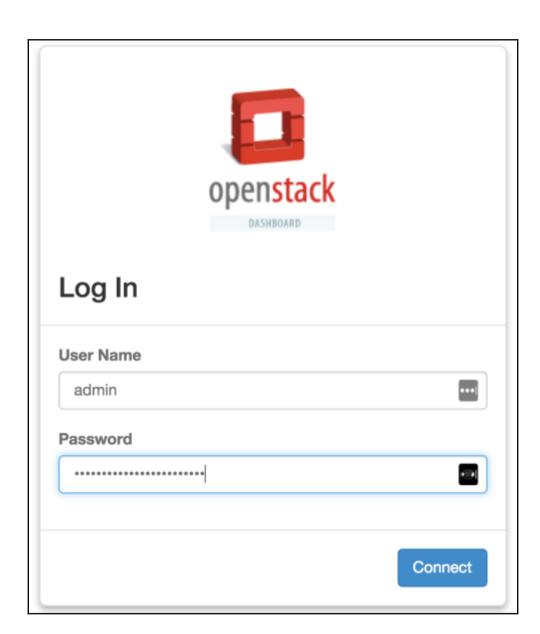
export OS_PASSWORD=c157e74cfe1fdae08663ef7b1350552ed5bb970ed6bc

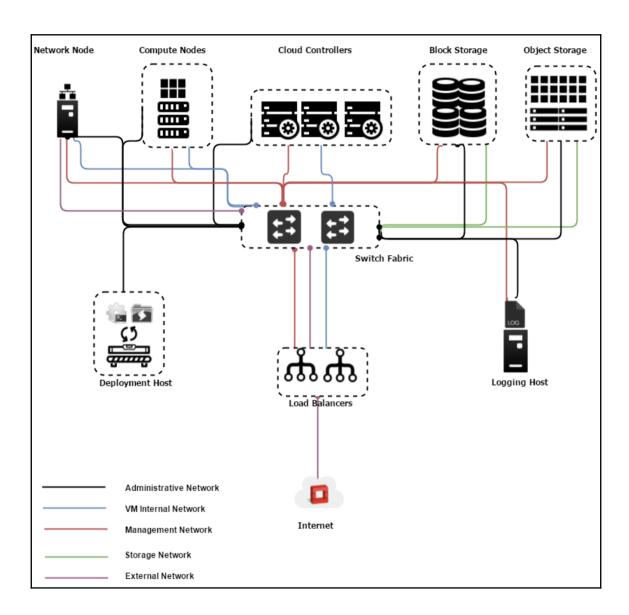
export OS_PROJECT_NAME=admin

export OS_TENANT_NAME=admin

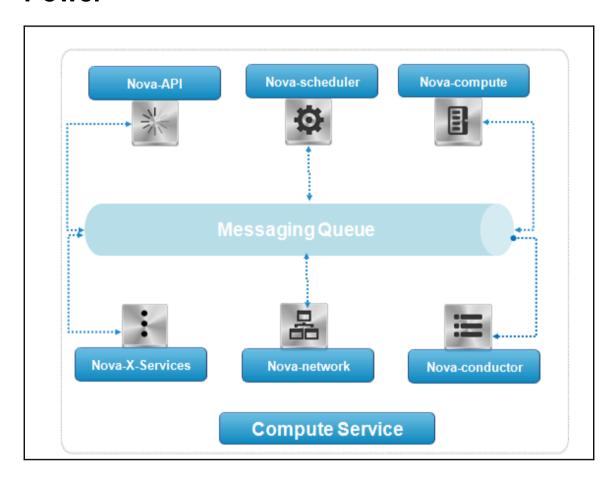
export OS_AUTH_URL=http://172.29.236.100:5000/v3

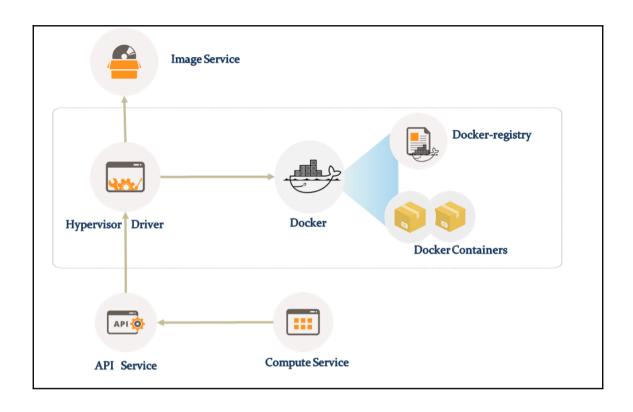
		
Field	Value	Ī
+	+	-+
<pre>l description</pre>	l OpenStack Networking	
l enabled	True	1
l id	19713bcfa0f440218ca15449810af7d3	1
l name	neutron	1
l type	network	1
+	+	-+

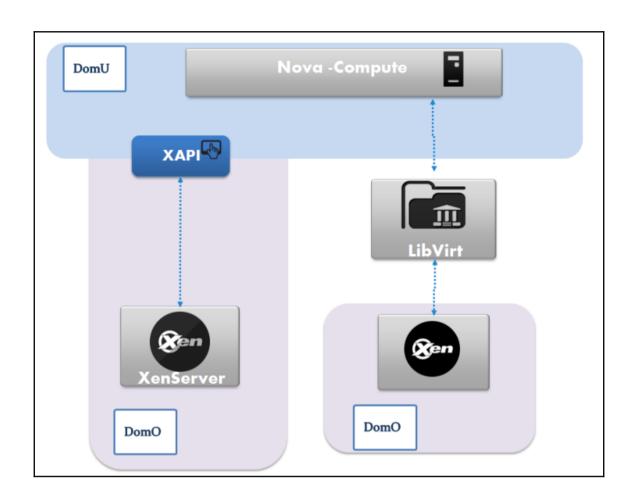


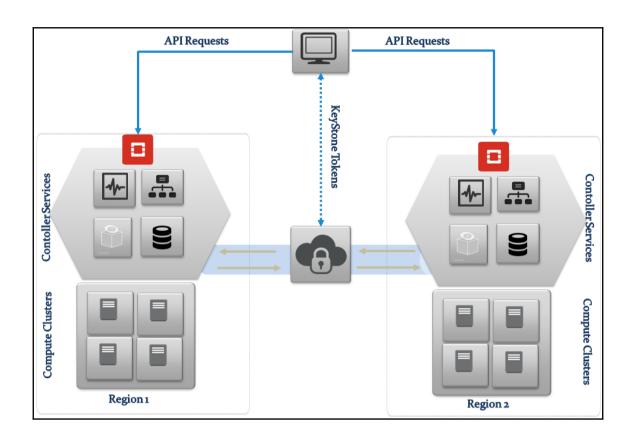


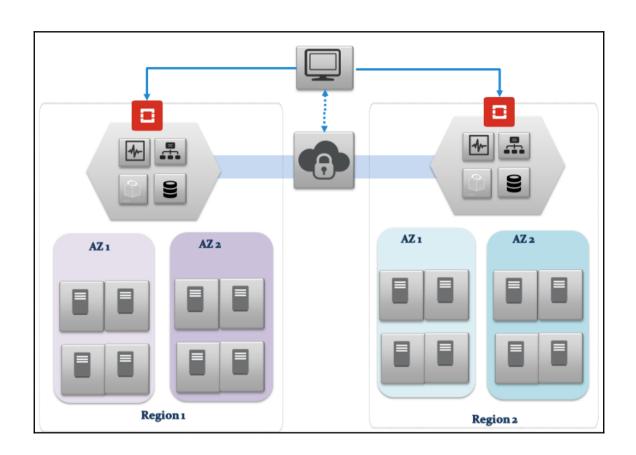
Chapter 2: Massively Scaling Computing Power

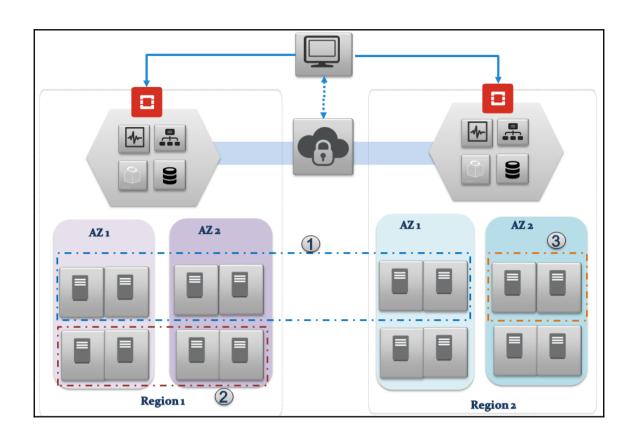


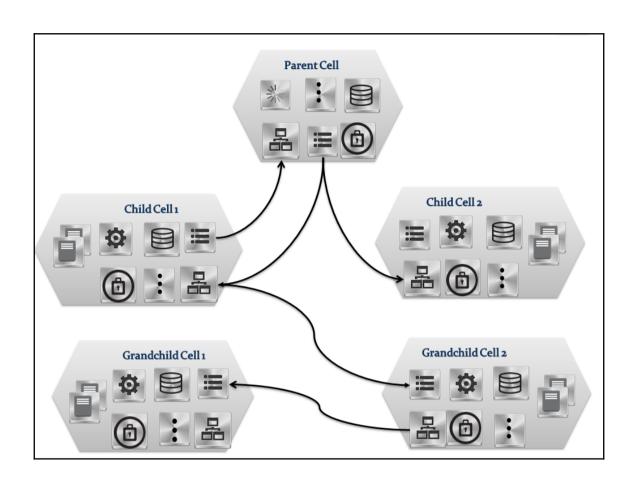


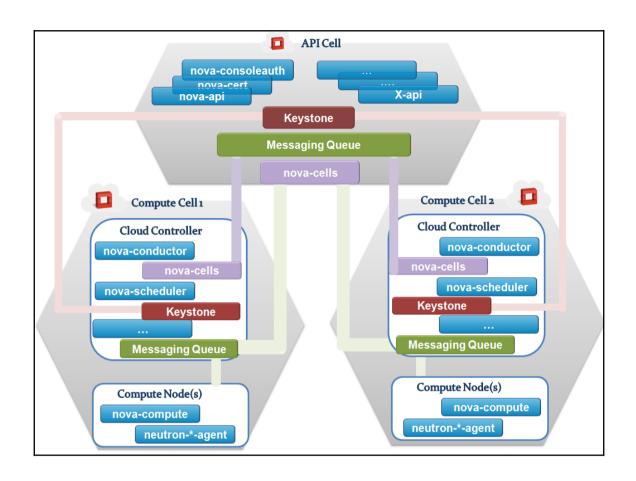


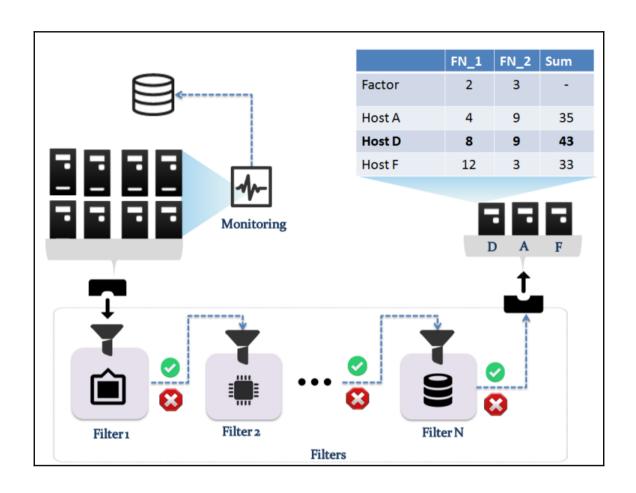










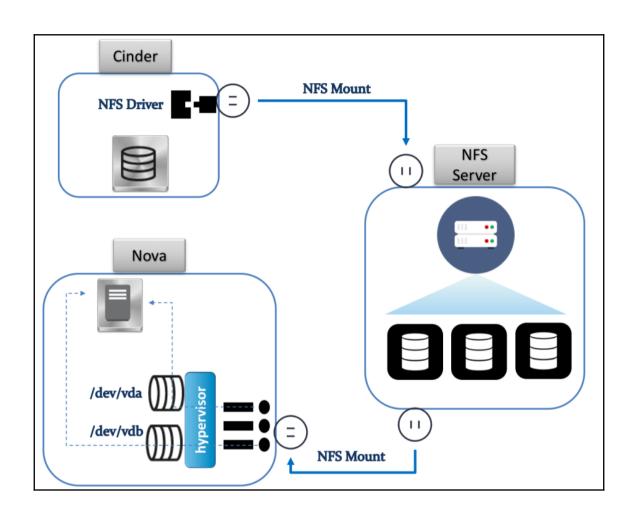


Chapter 3: Enlarging the OpenStack Storage Capabilities

l Property	Value
attachments	++ []
<pre>l availability_zone</pre>	l nova l
bootable	false I
consistencygroup_id	l None I
created_at	2017-07-16T19:41:40.000000
description	Extending Cinder PacktPub
encrypted	False
l id	40683bde-36f5-4bea-83c2-dca093441ac1
metadata	
migration_status	l None I
l multiattach	False
l name	extended volume 01
os-vol-host-attr:host	l None l
os-vol-mig-status-attr:migstat	l None l
os-vol-mig-status-attr:name_id	l None l
os-vol-tenant-attr:tenant_id	6fa47a2b492e48548c2c9596d1c2a5a2
<pre>l os-volume-replication:driver_data</pre>	l None l
os-volume-replication:extended_status	l None l
replication_status	disabled
size	l 4 l
l snapshot_id	l None l
source_volid	l None l
l status	l creating l
l user_id	375ae5b3359a4a1ba835825fcc3fc8c3
volume_type	l None l
+	

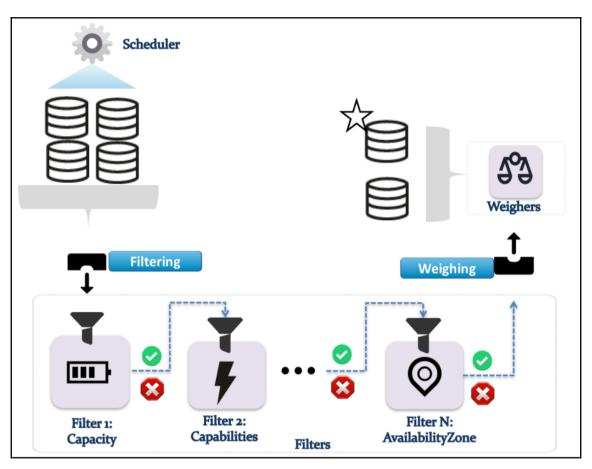
```
--- Logical volume ---
LV Path
                       /dev/cinder-ext-volumes/volume-40683bde-36f5-4bea-83c2-dca093441ac1
LV Name
                       volume-40683bde-36f5-4bea-83c2-dca093441ac1
VG Name
                       cinder-ext-volumes
LV UUID
                       9Qz44p-pwIR-f80t-w41h-Cpsa-M2qp-16g5Yw
LV Write Access
                       read/write
LV Creation host, time cloud, 2017-07-16 21:41:41 +0200
                       available
LV Status
# open
                       0
                       4.00 GiB
LV Size
                       1024
Current LE
Segments
                       1
Allocation
                       inherit
Read ahead sectors
                       auto
- currently set to
                       8192
Block device
                       253:2
```

+ID	l Status	I Migration Status	l Name	Size	Volume Type	Bootable	Multiattach	Attached to I
40683bde-36f5-4bea-83c2-dca093441ac1	l available		l extended volume 01	1 4	i -	false	False	i



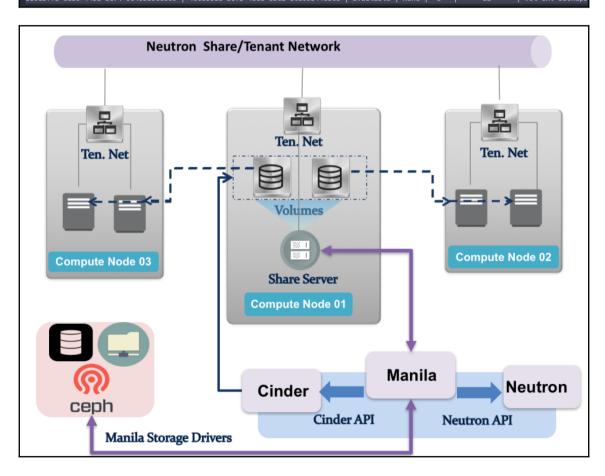
```
cluster 93efca28-4b1b-4eae-bfaa-ef159d654e73
health HEALTH_WARN
64 pgs degraded
64 pgs undersized
monmap e1: 1 mons at {mon0=172.28.128.133:6789/0}
election epoch 3, quorum 0 mon0
osdmap e5: 1 osds: 1 up, 1 in
flags sortbitwise,require_jewel_osds
pgmap v8: 64 pgs, 1 pools, 0 bytes data, 0 objects
34004 kB used, 986 MB / 1019 MB avail
64 undersized+degraded+peered
```

ı	4	4				 					 				
	ID				Migration										ultiattach
	+	+		-+-		 +		+		+	 	+		+	+
	1848e828-b3d7-4829-8411-1756233fa60f	l a	vailable				rbd		5				false		False I
и															



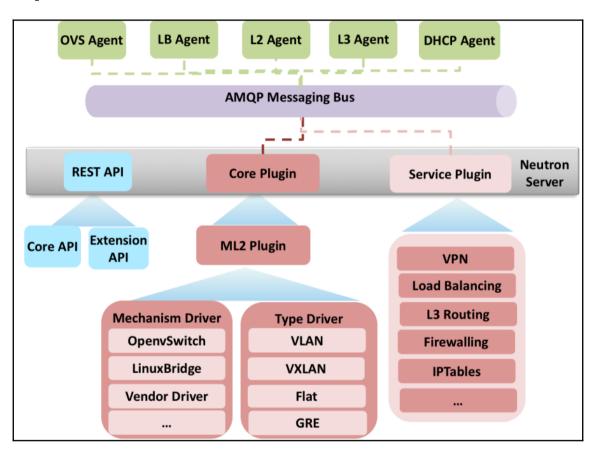
	Name	Description	Is_Public
fda17400-d57d-47f4-a48d-ff3ebec26136 	medium_store		True
+ID	+ Name	+ Description	++ Is_Public
408a38b7-9a9c-4a4d-9dc3-10d3a0a289f5 	+ large_store +	+ - +	





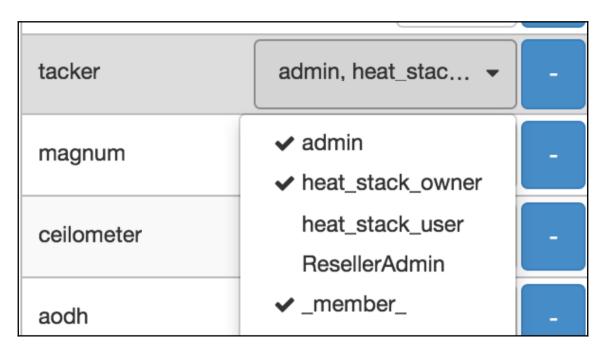
*		
ID	ath	
+		
a2e3a1165-de2a-010a-6671-ad1e4c12d2e1 10	.0.0.25.50:6789:/volumes/	_nogroup/a1334114-fe11-38fe-11a1-1a1a1a3dee22

Chapter 4: Harnessing the Power of the OpenStack Network Service

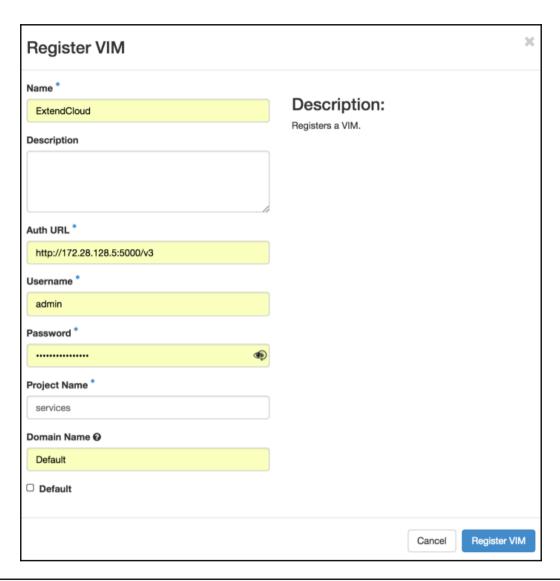


Created a new router:	
Field	+
	+
ha id name	False
routes status tenant_id	 ACTIVE

NFV VNF Management NFV Orchestration VIM Management **VNFFG Catalog** VNFFG Manager **NS Catalog NS Manager**

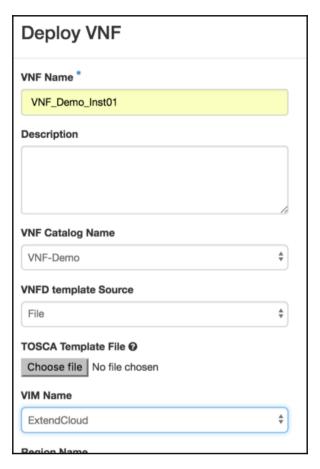


INFO tacker.service [req-441c6d47-0f81-40d4-8df6-8f3ff0630eb3 - - - - -] Tacker service started, listening on 172.28.128.5:9890 INFO tacker.wsgi [-] (7503) wsgi starting up on http://172.28.128.5:9890 DEBUG tacker.common.log [-] tacker.nfvo.nfvo_plugin.NfvoPlugin method monitor_vim called with arguments ({'status': u'REACHABLE',





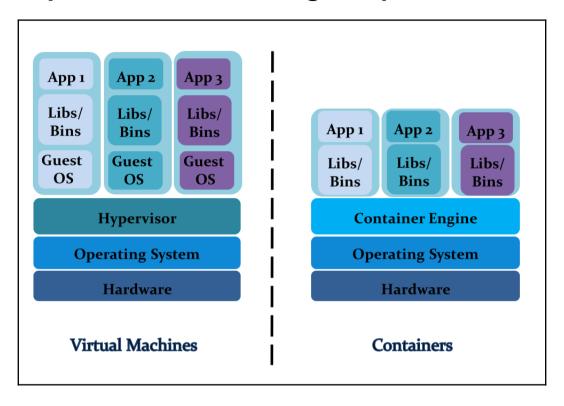


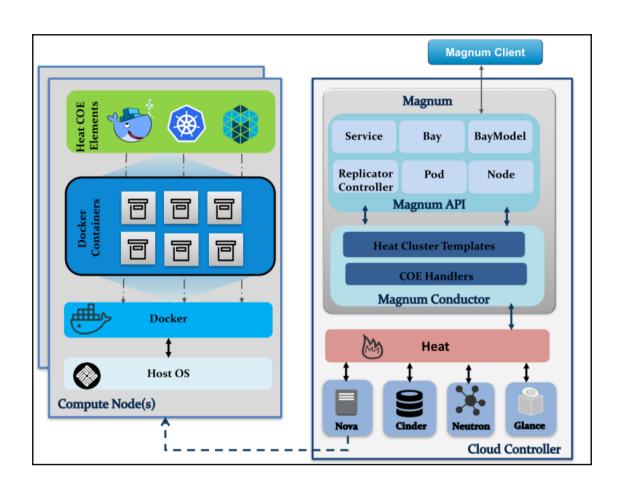


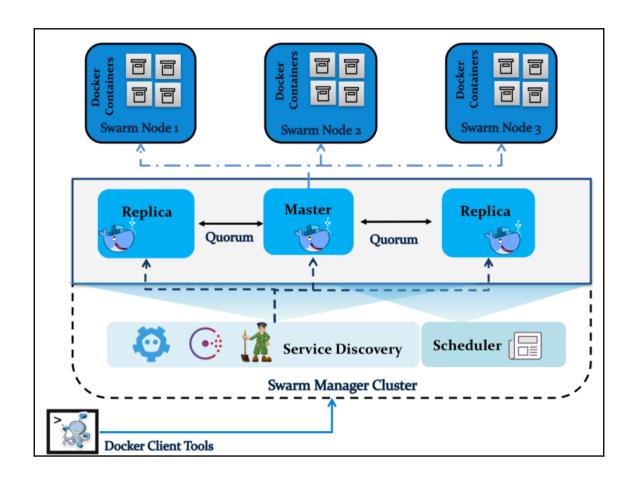


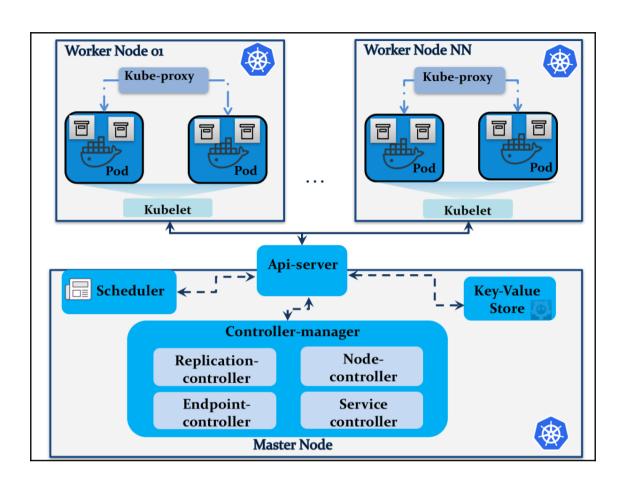


Chapter 5: Containerizing in OpenStack

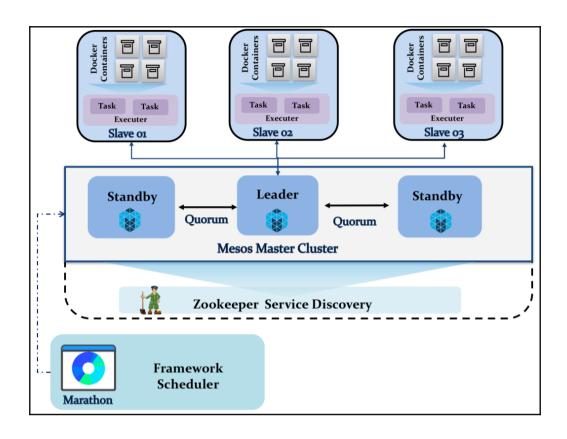


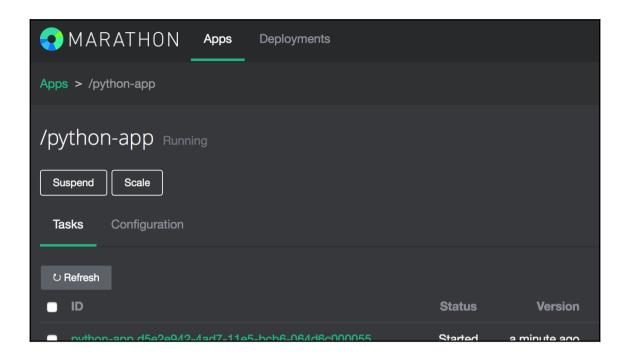




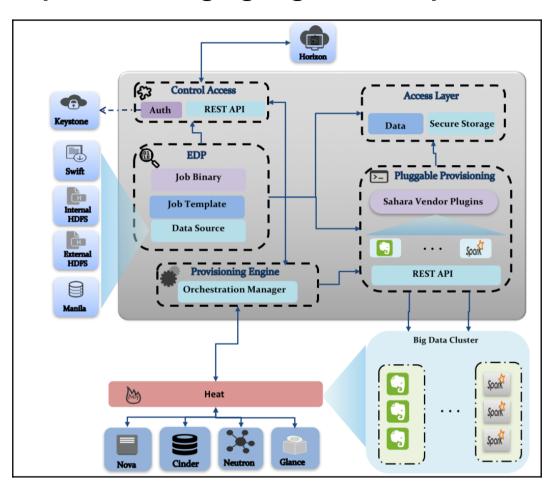


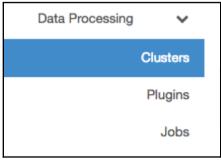
Username or Email Address	
Password	
Remember Me Log I	n





Chapter 6: Managing Big Data in OpenStack





```
2017-12-25 23:10:19.120 INFO diskimage_builder.block_device.blockdevice.converting image using qemu-img convert
Image file ubuntu_sahara_spark_latest.qcow2 created...

venv: commands succeeded
congratulations :)
```

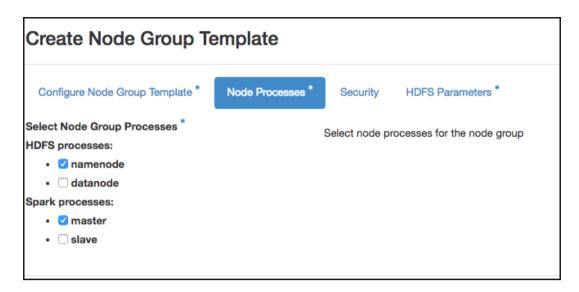
Property	I	Value
checksum	Ī	076a15b96ce95546812a8cde5b394f69
container_format	I	bare
created_at	I	2017-12-25T23:15:40Z
disk_format	I	qcow2
id	I	54ef8e7c-1526-48c1-bef3-fb56dc45dcd8
min_disk	I	0
min_ram	I	0
name	I	pp-sahara-spark
owner	I	72c9f0b3319f45dc81b9bf4beeac497e
protected	I	False
size	I	1058078720
status	I	active
tags	I	
updated_at	I	2017-12-25T23:15:48Z
virtual_size	I	None
visibility	I	shared
	-+-	

+		+		+
I	Field	I	Value	I
+		+		+
I	Description	I	Sahara Image Spark Ubuntu PP	I
I	Id	I	54ef8e7c-1526-48c1-bef3-fb56dc45dcd8	I
I	Name	I	pp-sahara-spark	I
I	Status	I	ACTIVE	I
I	Tags	I		I
I	Username	I	ubuntu	I
+		+		+

l Name	l pp-sahara-spark	
I Status	ACTIVE	-
l Tags	l 1.6, spark	- 1

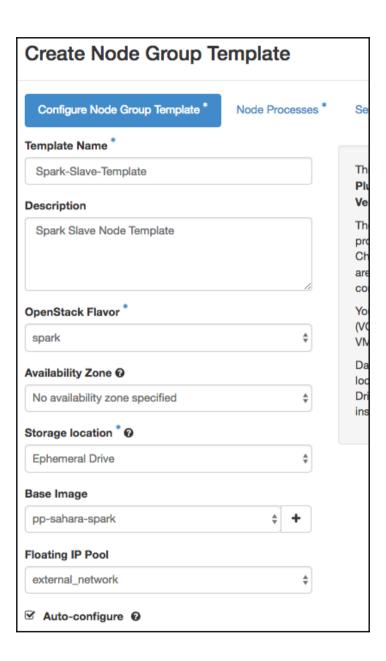


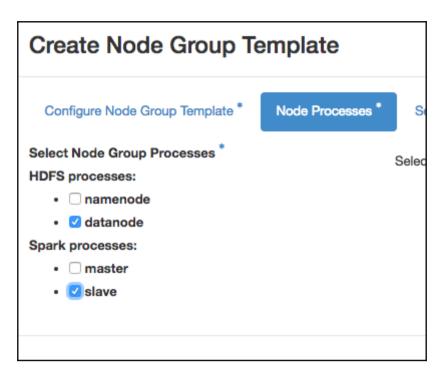
Edit Node Group Template Configure Node Group Template * Node Processes * Security **HDFS** Template Name * This Node Group Te Spark-Master-Template Plugin: spark Version: 1.6.0 Description The Node Group Te Spark Master Node Template processes that will Check one or more are selected, you m configurations on co OpenStack Flavor* You must choose a (VCPUs, memory ar VMs. Data Processing pro Availability Zone @ location options. Yo Drive or a Cinder Vo No availability zone specified \$ instances. Storage location * @ **Ephemeral Drive** Base Image pp-sahara-spark Floating IP Pool external_network

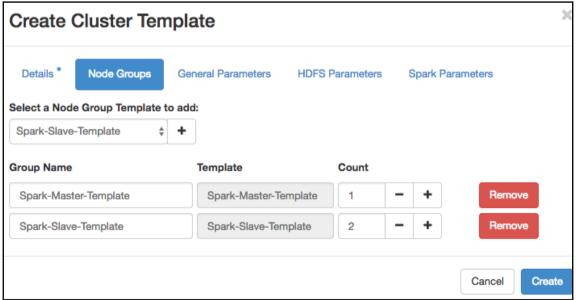




Create Node Group Te	emplate		
Configure Node Group Template *	Node Processes *	Security	HDFS Parameters *
dfs.datanode.handler.count @		Filter	
3			-fiation
dfs.datanode.du.reserved @		Show full co	ntiguration
0			
dfs.namenode.handler.count @			
10			
dfs.datanode.failed.volumes.tolerated	10		
0			
dfs.datanode.max.xcievers @			
4096			
Name Node Heap Size *			
1024			
Data Node Heap Size *			
1024			

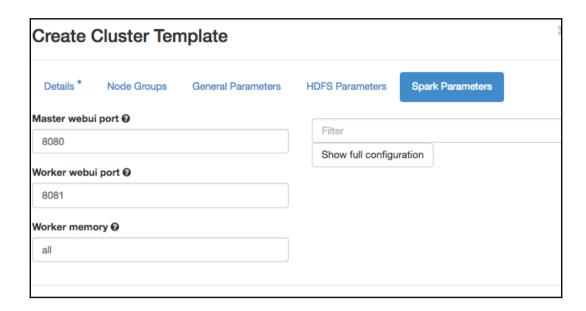


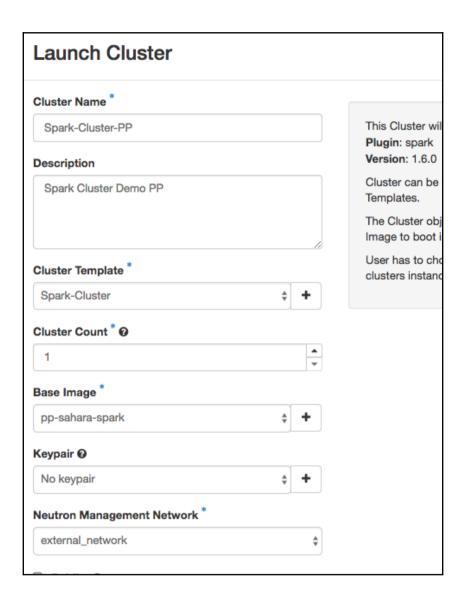


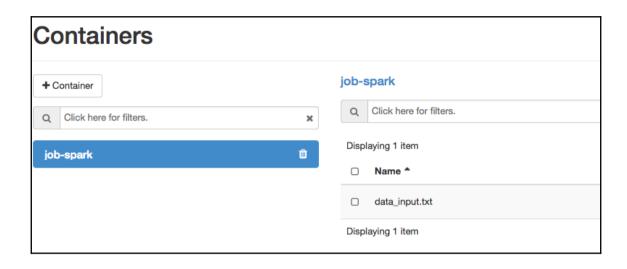


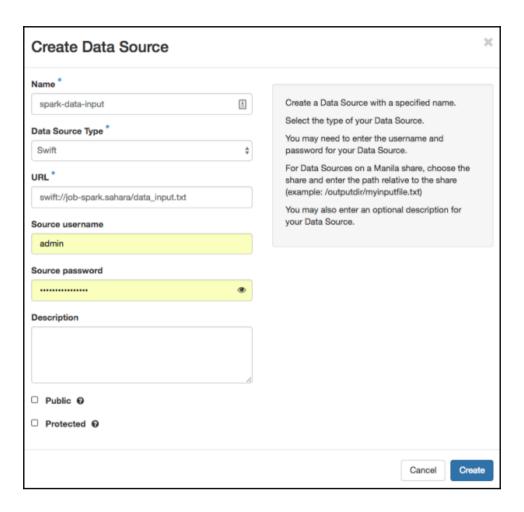
Create Cluster Template	
Details * Node Groups General Parameters	HDFS Paramet
Timeout for disk preparing ⊙	
300	Show full co
☑ Enable NTP service ❷	Onow rail of
URL of NTP server ②	
Heat Wait Condition timeout ② 3600	
☑ Enable XFS ②	
Decommissioning Timeout ②	
86400	
☑ Enable Swift DataNodes startup timeout ❷	
10800	

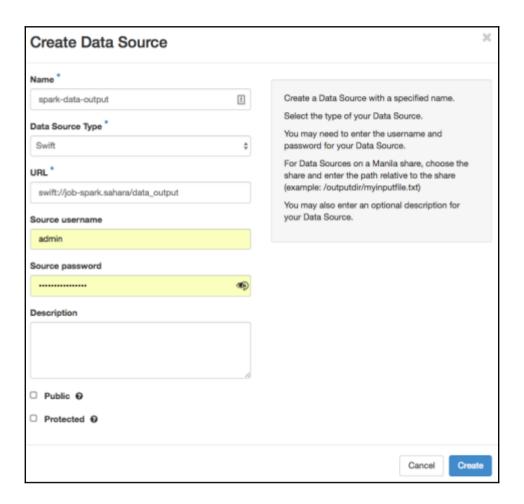
Create Cluster Template					
Details *	Node Groups	General Parameters	HDFS Parameters	Spark	
io.file.buffer.si	ize 0		Filter		
4096			Show full configu	uration	
3					
dfs.replication	n.max 🕢				
512					
dfs.replication	n.min Ø				
dfs.block.size	0				
67108864					

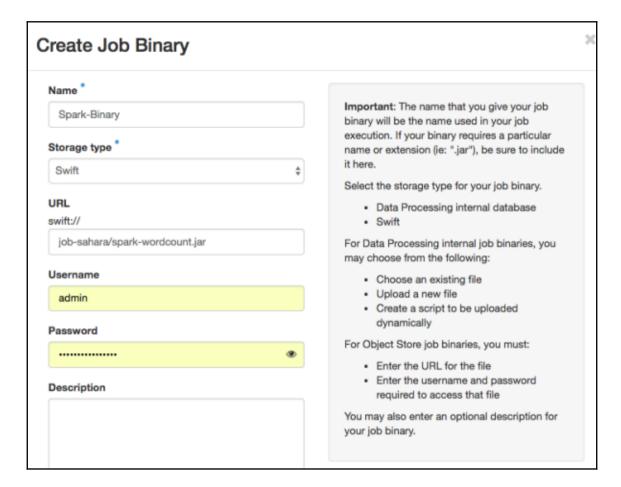


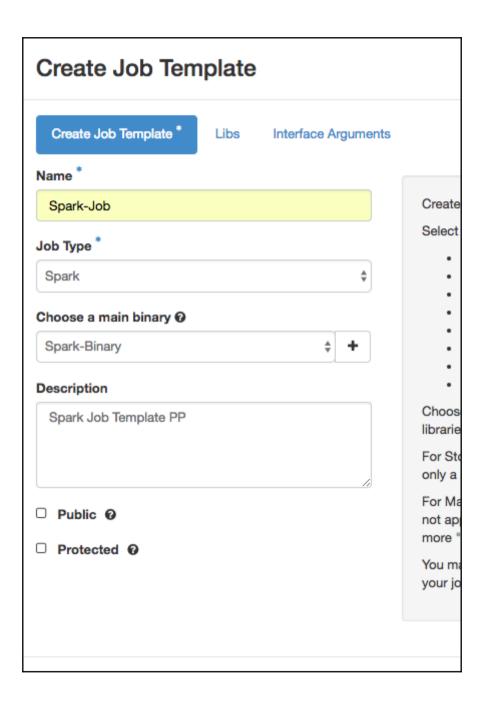


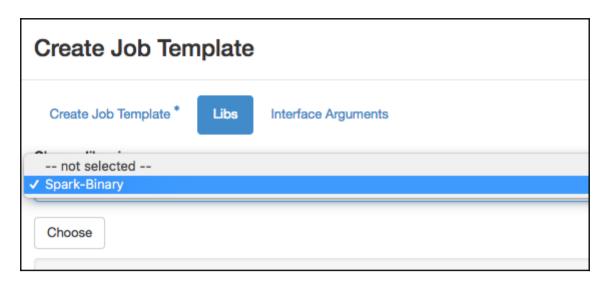


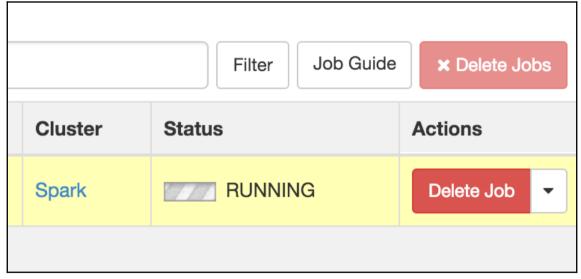




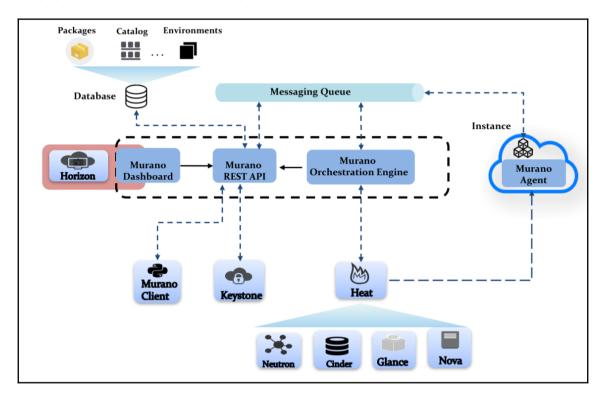








Chapter 7: Evolving Self-Cloud Ready Applications in OpenStack



Installing murano-wsgi-api script to /usr/bin Installing murano-engine script to /usr/bin Installing murano-manage script to /usr/bin Installing murano-cfapi-db-manage script to /usr/bin Installing murano-cfapi script to /usr/bin Installing murano-api script to /usr/bin Installing murano-db-manage script to /usr/bin Installing murano-db-manage script to /usr/bin Installing murano-test-runner script to /usr/bin

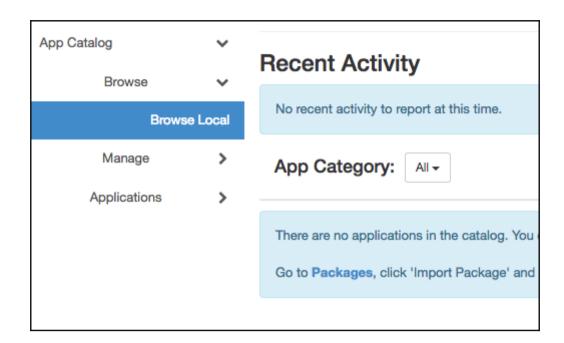
+	-+	٠
Field	Value	ı
+	-+	+
I domain_id	default	ı
I enabled	True	ı
l id	7bc71a126fab468a87b21cd0eacaea0a	ı
I name	l murano	ı
l options	I {}	ı
I password_expires_at	l None	I
+	-+	+

+	++
Field	I Value I
+	++
I description	Murano APpaaS
l enabled	True
l id	6df88fa1889e467abab3476b61d0dfbb
l name	muranoapi
l type	application-catalog
+	-+

Field	Value	l
I enabled I id I interface I region I region_id I service_id I service_type I url	•	
+	+	H
+ Field +	+	

```
Field
             I Value
enabled
             l True
id
             l a1b650a5c18f439488ffcc2e16aa59ab
interface
             I public
region
             I RegionOne
             I ReaionOne
region_id
service_id
             l 6df88fa1889e467abab3476b61d0dfbb
service_name | muranoapi
service_type | application-catalog
              http://10.10.248.12:8082/
url
```

```
_50_admin_add_panel.py.example
_50_dashboard_catalog.py
_51_muranodashboard.py
_60_admin_remove_panel.py.example
_60_panel_group_browse.py
_63_panel_murano_catalog.py
_70_admin_default_panel.py.example
_70_panel_group_manage.py
_71_panel_murano_packages.py
_72_panel_murano_images.py
_73_panel_murano_categories.py
_80_admin_add_panel_group.py.example
_80_panel_group_applications.py
_81_panel_applications_environments.py
_90_admin_add_panel_to_group.py.example
```



Name * @

ElasticSearch Dockerized

Tags 0

docker, Elasticsearch, Extending

☑ Public

✓ Active

Description

Elasticsearch is a search server based on Lucene. It provides a distributed, multitenant-capable full-text search engine with a RESTful web interface and schema-free JSON documents.

Description:

Name: Set up for identifying a package.

Tags: Used for identifying and filtering packages.

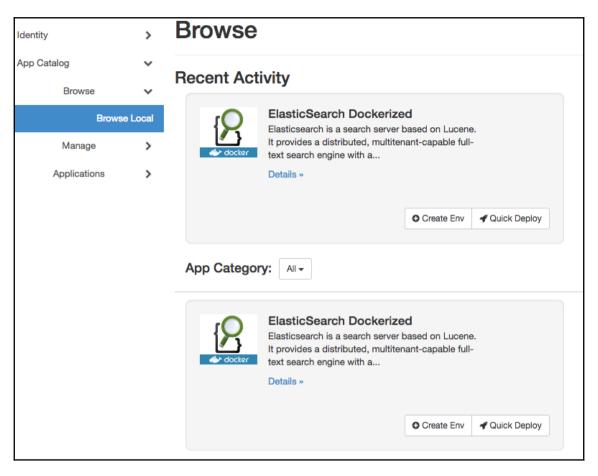
Public: Defines whether or not a package can be used by other tenants. (Applies to package dependencies)

Active: Allows to hide a package from the catalog. (Applies to package dependencies)

Description: Allows adding additional information about a package.

Cancel

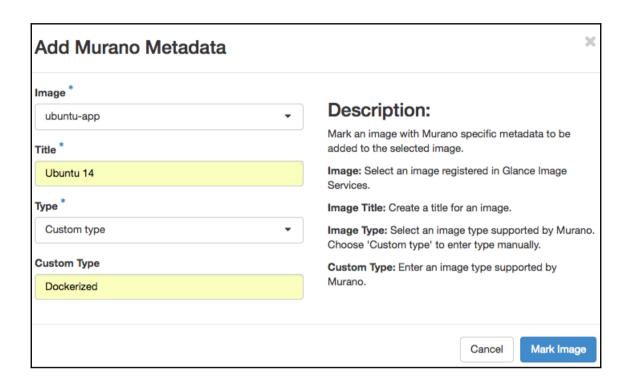
Next

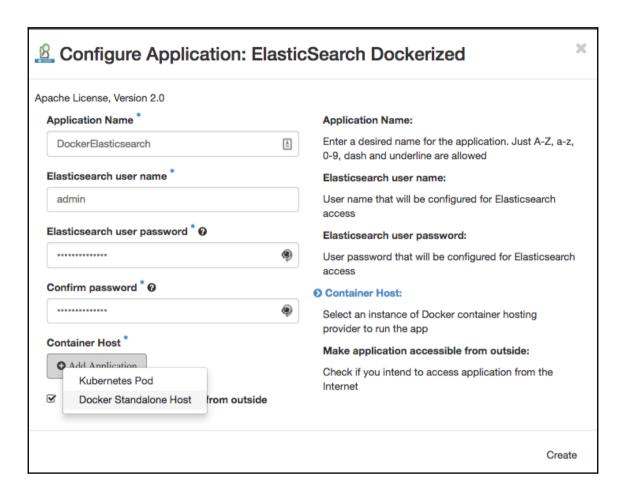


```
2018-02-16 18:15:17.030 | INFO diskimage_builder.block_device.level0.localloop [2018-02-16 18:15:17.079 | INFO diskimage_builder.block_device.level0.localloop [2018-02-16 18:15:20.145 | INFO diskimage_builder.block_device.utils [-] Calling 2018-02-16 18:15:20.308 | INFO diskimage_builder.block_device.blockdevice [-] Res 2018-02-16 18:15:20.637 | Converting image using qemu-img convert 2018-02-16 18:17:06.894 | Image file ubuntu14.04-x64-docker.qcow2 created...
```

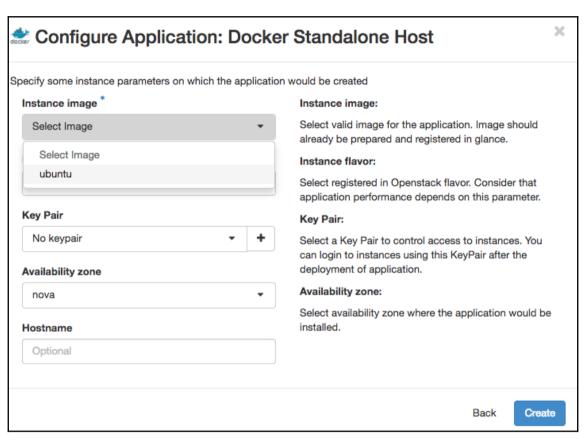
+	
Field	Value
+	++
I checksum	b9556a392c81b1b031dce45c3eb7c31c
<pre>l container_format</pre>	l bare
created_at	2018-02-16T18:20:21Z
disk_format	l gcow2
_	/v2/images/a7b61083-fe98-4e81-863b-849254f58f2e/file
	a7b61083-fe98-4e81-863b-849254f58f2e
<pre>I min_disk</pre>	10
min_ram	10
I name	ubuntu-app
l owner	bb2e456704724548a08371a83f0d7479
I properties	murano_image_info='{"title": "Murano Ubuntu", "type": "linux"}'
protected	False
l schema	/v2/schemas/image
I size	l 648871936
I status	l active I
I tags	l I
updated_at	2018-02-16T18:20:25Z
virtual_size	l None
I visibility	l shared l
+	



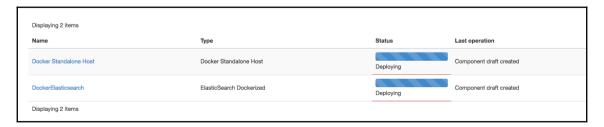




Apache License, Version 2.0		
Application Name *		Application Name:
ES Dockerized	±	Enter a desired name for the application. Just A-Z, a-z, 0-9, dash and underline are allowed
✓ Assign Floating IP		Assign Floating IP:
Custom Docker registry URL		Select to true to assign floating IP automatically
Optional		Custom Docker registry URL:
Docker registry mirror URL		Host IP or domain name of custom Docker registry to use. For example, myregistrydomain.com Leave empty to use Docker default.
Optional		Docker registry mirror URL:
Google registry key		URL of Docker registry mirror to use in the format
Optional		http:// <my-docker-mirror-host>. For example, http://10.0.0.2:5000 Leave empty to not use one.</my-docker-mirror-host>
		Google registry key:
		Contents of JSON key file. Used to authenticate to the Google Container Registry





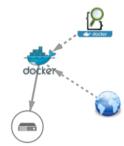




Name: pyiisjdqcp8to1

Name: pylisjdqcp8to1

Availabilityzone: nova
Openstackid: None
Becuritygroupname: None
Image: a7b61083-fe98-4e81-863b-849254f58f2e
Joinednetworks:
Id: de43ef37-a841-4a53-985b-1cd075d34e80
Blockdevices:
Checkapplicability: True
Floatingipaddress: None
Instanceaffinitygroup: None
Securitygroups:
Ipaddresses:
Flavor: m1.large
Regionname: None
Type:
...resources.LinuxMuranoInstance/0.0.0@io.murano
Assignfloatingip: True
Sharedips:
Keyname:

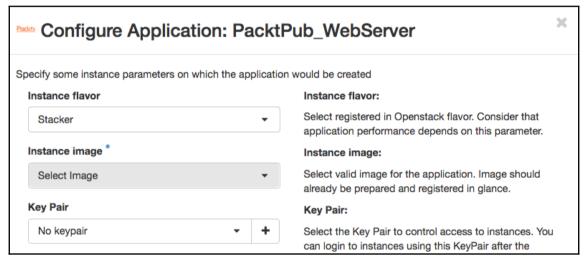


Chapter 8: Extending the Applications Catalog Service







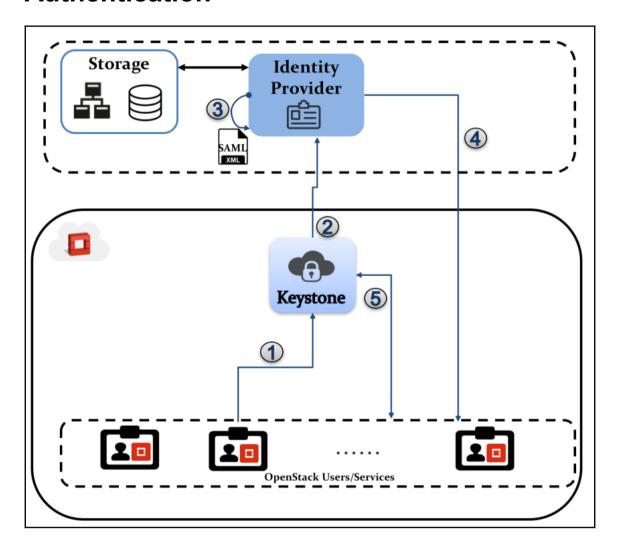


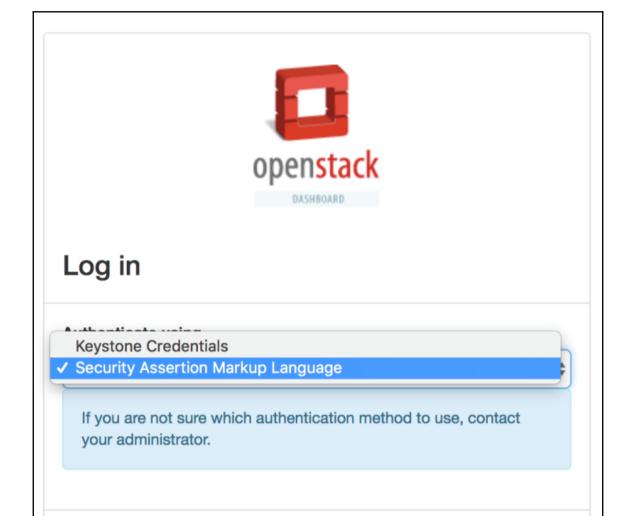


Ī	Name	Туре	Status	Last operation
	AwEsOmE-WebSite	PacktPub_WebServer	Ready to deploy	Component draft created

Displaying 1 item			
Name	Туре	Status	Last operation
AwEsOmE-WebSite	PacktPub_WebServer	Deploying	Component draft created
Displaying 1 item			

Chapter 9: Consolidating the OpenStack Authentication





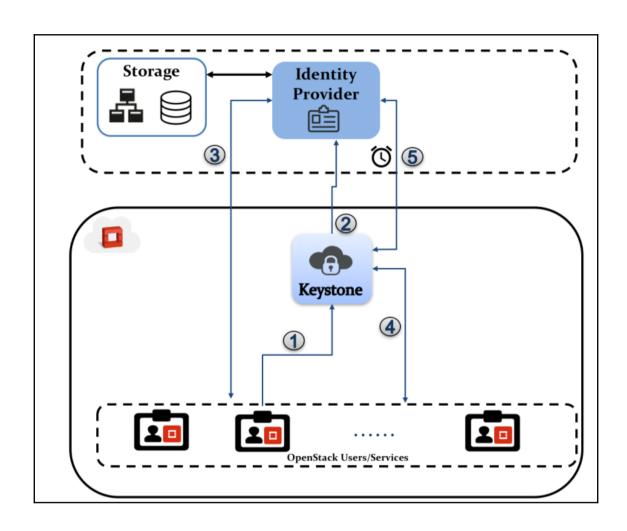
Connect

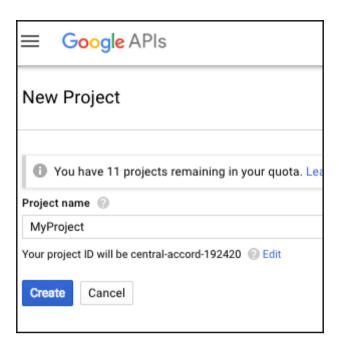
Our Identity Provider

(replace this placeholder with your organizational logo / label)

Username
openstack_user
Password
0 0 0 0 0 0 0
☐ Don't Remember Login
 Clear prior granting of permission for release of your information to this service.
Login

- > Forgot your pa
- > Need Help?







APIs

Credentials

You need credentials to access APIs. Enable the APIs you plan to use and then create the credentials they require. Depending on the API, you need an API key, a service account, or an OAuth 2.0 client ID. Refer to the API documentation for details.

Create credentials 🔻

API key

Identifies your project using a simple API key to check quota and access

OAuth client ID

Requests user consent so your app can access the user's data

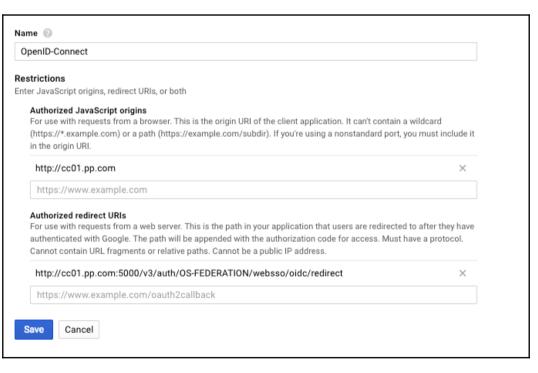
Service account key

Enables server-to-server, app-level authentication using robot accounts

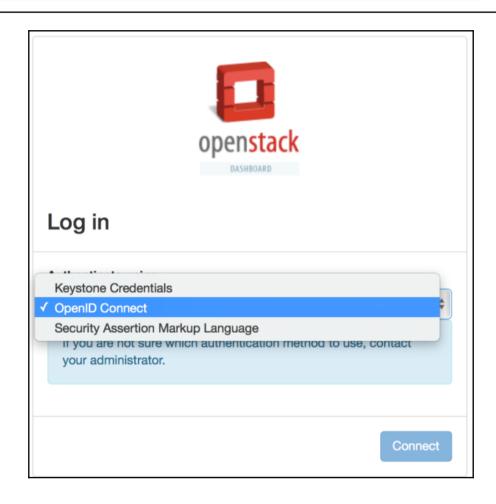
Help me choose

Asks a few questions to help you decide which type of credential to use

 Create client ID 		
Application type Web application Android Learn more Chrome App Learn more iOS Learn more PlayStation 4 Other		
Name ②		
OpenID-Connect		

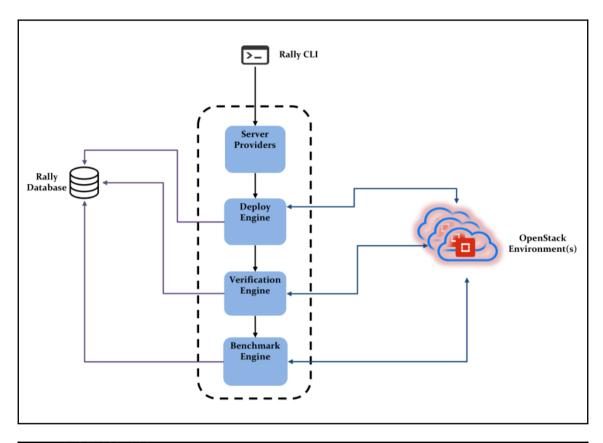


Client ID 1016489529489-rc99n5rkc2cfepfdbjh9lvgqdp29g86g.apps.googleusercontent.com
Client secret NFVoWI_XXdNap9Cypf0BhNMC
Creation date Jan 17, 2018, 9:27:31 PM



Google Sign in with your Google Account Email or phone openstackadmin@pp.com Forgot email? More options NEXT

Chapter 10: Boosting the Extended Cloud Universe



Step 6/6: RUN rally-manage --config-file /etc/rally/rally.conf db recreate
---> Running in e61bff71ed64
Removing intermediate container e61bff71ed64
---> 9d82099bf324
Successfully built 9d82099bf324
Successfully tagged rally/latest:latest

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
849957108b27	rallv/latest:latest	"/bin/bash"	11 seconds ago	Up 10 seconds		objective_jackson

2018-01-30 22:05:35.172 28 IN	FO rally.deployment.engines.ex			
uuid	created_at	l name	l status	active
	25179e24e 2018-01-30T22:05:3	5 mycloud	deploy->fini	shed I
Using deployment: e63b2334-51	-		+	+

Available services:					
Service	1	Service Type	1	Status	İ
unknown unknown unknown unknown ceilometer cinder cloud glance gnocchi heat keystone magnum neutron nova sahara swift		alarming placement volumev2 volumev3 metering volume cloudformation image metric orchestration identity container-infra network compute data-processing object-store	 -		+
+	+		+		+

```
Preparing input task

Task is:

{

"MagnumClusters.create_and_list_clusters": [

{

    "runner": {

       "type": "constant",

       "concurrency": 1,
```

```
2018-02-05 22:07:06.864 1630 INFO rally.task.context [-] Task 978ce786-dca7-426a-93c9-aacc28a96acb | Context cluster_templates@openstack setup() finished in 5.48 sec 2018-02-05 22:07:06.865 1630 INFO rally.task.context [-] Task 978ce786-dca7-426a-93c9-aacc28a96acb | Context cleanup@openstack setup() started 2018-02-05 22:07:06.856 1630 INFO rally.task.context [-] Task 978ce786-dca7-426a-93c9-aacc28a96acb | Context cleanup@openstack setup() finished in 0.23 msec 2018-02-05 22:07:06.896 1763 INFO rally.task.rumner [-] Task 978ce786-dca7-426a-93c9-aacc28a96acb | ITER: 1 START
```

010 01 07 17.55.5	3.440 3982 INFO rally.common.plugin.discove	[-] Loaded module with plugins: /usr/share/openstack-rally/samples/plugins/list_flavors.py
Plugin base	l Name	Platform Title
Chart	Lines	default Display results as generic chart with lines.
Chart	Pie	default Display results as pie, calculate average values for additive data.
Chart	StackedArea	default Display results as stacked area.
Chart	StatsTable	I default Calculate statistics for additive data and display it as table.
Chart	Table	default Display complete output as table, can not be used for additive data.
Chart	TextArea	default Arbitrary text
Context	allow_ssh	openstack Sets up security groups for all users to access VM via SSH.
Context	api_versions	openstack Context for specifying OpenStack clients versions and service types.

create cluster and then	list all clusters.			
MagnumClusters.create_and_list_clusters PLATFORM openstack MODULE rally.plugins.openstack.scenarios.magnum.clusters PARAMETERS				
I name	description			
 cluster_template_uuid 	the cluster node count.			
kwargs +	optional additional arguments for cluster creation +			

2018-02-13 20:55:36.432 108 INFO rally.common.plugin.discover [-] Loading plugins from directories /usr/share/openstack-rally/samples/plugins/*

2018-02-13 21:36:53.494 144 INFO rally.common.plugin.discover [-] Loaded module with plugins: /usr/share/openstack-rally/samples/plugins/create_delete_magnum.py

Scenario	 Suriar anouell roup remptaces, creace_aetece_noue_group_cemptaces 	r openstack i create and detete sandra mode group remptates.
I Scenario	ScenarioPlugin.create_and_delete_magnum_clusters	openstack create cluster and then delete.
l Scenario	ScenarioPlugin.list_clusters_kube	openstack List kube clusters.

create cluster and then delete.				
NAME ScenarioPlugin.create_and_delete_magnum_clusters PLATFORM openstack MODULE create_delete_magnum				
PARAMETERS				
name	description			
node_count	the cluster node count.			
	optional, if user want to use an existing			
force_delete	force delete cluster if set to True			
	optional additional arguments for cluster creation			

```
Response Times (sec)
Min (sec) | Median (sec) | 90%ile (sec) | 95%ile (sec) | Max (sec) | Avg (sec) | Success
3.866
          10.256
                      19.705
                                     19.71
                                                   19.714
                                                              1 10.806
                                                                         1 0.0%
3.866
          10.256
                       19.706
                                     19.71
                                                   19.714
                                                              1 10.806
                                                                         1 0.0%
2.866
          1 9.256
                       18.706
                                     1 18.71
                                                   18.714
                                                              1 9.806
                                                                         1 0.0%
          1 1.0
                       1 1.0
                                     1 1.0
                                                   1 1.0
                                                              1 1.0
                                                                         1 0.0%
```

```
ceErrorStatus: Resource <Server: s_rally_8d021c19_ajlMm2cB> has ERROR status.

Fault: {u'message': u'No valid host was found. ', u'code': 500, u'created': u'2018-02-01T23:10:11Z'}

2018-02-01 23:10:12.614 318 INFO rally.task.runner [-] Task 22e6c6c3-c346-48e2-be25-5a86bf20a46f | ITER:

2018-02-01 23:10:14.139 319 INFO rally.task.runner [-] Task 22e6c6c3-c346-48e2-be25-5a86bf20a46f | ITER:
```