* *9:01:28 PM*

**zhipeng**

#startmeeting tricircle

* *9:01:30 PM*

**openstack**

Meeting started Wed Sep 9 13:01:28 2015 UTC and is due to finish in 60 minutes. The chair is zhipeng. Information about MeetBot at <http://wiki.debian.org/MeetBot>.

* *9:01:31 PM*

**openstack**

Useful Commands: #action #agreed #help #info #idea #link #topic #startvote.

* *9:01:31 PM*

openstack changed the topic to: (Meeting topic: tricircle)

* *9:01:33 PM*

**openstack**

The meeting name has been set to 'tricircle'

* *9:01:42 PM*

**zhipeng**

#topic Roll Call

* *9:01:43 PM*

openstack changed the topic to: Roll Call (Meeting topic: tricircle)

* *9:01:50 PM*

**zhipeng**

hello folks

* *9:01:58 PM*

**gampel**

#info gampel

* *9:02:05 PM*

**zhipeng**

#info zhipeng

* *9:02:05 PM*

**zhiyuan\_**

#info zhiyuan

* *9:02:13 PM*

**zhipeng**

i didn't see joe here

* *9:02:55 PM*

**zhipeng**

#topic work progress and discussion

* *9:02:56 PM*

openstack changed the topic to: work progress and discussion (Meeting topic: tricircle)

* *9:02:59 PM*

**saggi**

#info sggi

* *9:03:03 PM*

**saggi**

#info saggi

* *9:03:08 PM*

joehuang joined the channel.

* *9:03:21 PM*

**zhipeng**

#info joehuang

* *9:03:26 PM*

**joehuang**

hello

* *9:04:20 PM*

**saggi**

hi

* *9:04:29 PM*

**joehuang**

hi saggi

* *9:04:30 PM*

**gampel**

hi

* *9:04:36 PM*

**joehuang**

hi gampel

* *9:05:24 PM*

**joehuang**

the topic is work progress, right

* *9:05:35 PM*

**zhiyuan\_**

yes

* *9:05:36 PM*

**saggi**

yes

* *9:05:48 PM*

**gampel**

zhiyuan do you want to start ?

* *9:06:18 PM*

**joehuang**

zhiyuan first?

* *9:06:24 PM*

**zhiyuan\_**

fine

* *9:06:45 PM*

**zhiyuan\_**

I have just submitted the new patch for client wrapper.

* *9:07:26 PM*

**joehuang**

good, I will find time to review it

* *9:08:26 PM*

**saggi**

me too

* *9:08:28 PM*

**joehuang**

for me. I update the rest api framework with devtstack plugin

* *9:08:31 PM*

**zhiyuan\_**

most of the comments are addressed. and I remove all the explicit declaration of list\_(resource)s method

* *9:09:01 PM*

**joehuang**

and receive some comments on it

* *9:09:10 PM*

**gampel**

does it include API to get the urls of the bottom stack ?

* *9:09:32 PM*

**zhiyuan\_**

make them to be registered automatically by Client class, so we don't need to change Client when we add new type of resources

* *9:09:32 PM*

**joehuang**

not yet, it's framework to integrate keystone

* *9:09:52 PM*

**zhiyuan\_**

yes, I add a new get\_endpoint method

* *9:11:32 PM*

**joehuang**

I'll have a two week business trip to meet with customer, may find no time to update the patch of the rest framework, including API these two weeks

* *9:11:46 PM*

**joehuang**

but I'll try to review patches you submitted

* *9:12:24 PM*

**gampel**

Ok zhiyuan saggi are we dependent for the next task on Joe patch ?

* *9:12:34 PM*

**zhiyuan\_**

any new requirement for DAL so I can continue to work?

* *9:12:47 PM*

**saggi**

I would like to get the WSGI up and running but I'm not blocked on it.

* *9:13:03 PM*

**gampel**

yes saggi compiled a list of DAL tasks

* *9:13:05 PM*

**joehuang**

I suggest you first insert some record into db tables if you need it

* *9:13:16 PM*

**zhiyuan\_**

I can update the patch of client and start a new patch for new requirement at the same time

* *9:13:24 PM*

**gampel**

saggi maybe you could update us on the status first

* *9:13:29 PM*

**saggi**

Sure

* *9:14:10 PM*

**saggi**

I sent an update to the nova skeleton. This ties everything in the adapter side. It also fixes some bugs.

* *9:14:27 PM*

**saggi**

I also sent a patch that breaks all other patches

* *9:14:44 PM*

**saggi**

It moves all the adapter code to it's own service and leaves the cascade serivce blank

* *9:15:06 PM*

**saggi**

It's just so that people can base their work on it.

* *9:15:26 PM*

**saggi**

And because it's very hard to review patches that contain file moves \*and\* modifications.

* *9:15:36 PM*

**saggi**

So it only contains moves and minimal modifications.

* *9:16:15 PM*

**saggi**

I'm now working on getting versioned objects so that we can communicate across the message queue and DB

* *9:17:09 PM*

**saggi**

it's shou;dn

* *9:17:30 PM*

**saggi**

it shouldn't effect DAL or WSGI work

* *9:17:36 PM*

**saggi**

since they use different files

* *9:18:01 PM*

**joehuang2**

my connection lost for a while

* *9:18:25 PM*

**saggi**

But I would like to push the changes I have up so that we have a common master to work from

* *9:18:28 PM*

**saggi**

So please review

* *9:18:31 PM*

**joehuang2**

would the google doc be updated these days to reflect some new idea

* *9:18:40 PM*

**saggi**

Yes, gampel is working on it

* *9:18:46 PM*

**gampel**

I am working on the design document with all the development and scalability feedback i think it will be ready By monday morning

* *9:19:04 PM*

**joehuang2**

ok. I will also review the code ASAP

* *9:19:30 PM*

**gampel**

lets all try to review zhiyuan and saggi patch tomorrow

* *9:19:38 PM*

**gampel**

so we could merge it all in

* *9:19:38 PM*

**joehuang2**

yes

* *9:19:45 PM*

**joehuang2**

agree

* *9:19:57 PM*

**saggi**

In case you wonder what supposed to work in my nova patches.

* *9:20:15 PM*

**saggi**

You should be able to create a VM and it will finish scheduling and appear as active

* *9:20:20 PM*

**saggi**

but fail due to the port not being up

* *9:20:29 PM*

**saggi**

since the network bits are not wrapped yet

* *9:21:08 PM*

**joehuang2**

got it

* *9:21:28 PM*

**zhiyuan\_**

my connection also lost for a while

* *9:21:40 PM*

**gampel**

Saggi can you please share your ideas for the next DAL tasks

* *9:21:51 PM*

**gampel**

and overall tasks

* *9:22:18 PM*

**saggi**

The thing I really wanted was WSGI <-> DAL tied down

* *9:22:28 PM*

**saggi**

but that will have to wait.

* *9:22:56 PM*

**saggi**

Another things that needs to be done is syncing the AZ between tricircle and nova

* *9:23:09 PM*

**saggi**

currently I manually add the fake compute nodes to different AZs

* *9:23:46 PM*

**saggi**

I don't really know how to block the user from removing a compute node from an AZ

* *9:24:12 PM*

**saggi**

but we need to make sure that the AZ we define in the tricircle DB is the same that is defined in nova

* *9:24:16 PM*

**joehuang2**

you can add some fix mapping first to adding code for other parts and test it works or not

* *9:24:18 PM*

**saggi**

and that it's always defined there

* *9:25:21 PM*

**saggi**

So in general, the task is: Make sure that the compute node representing the site is in an AZ we define and nova knows about that mapping.

* *9:26:22 PM*

**joehuang2**

when you create a fake node, you can add it to the az you want in the nova db in the top layer

* *9:26:37 PM*

**gampel**

if i understand correctly final flow should be add-site --> WSGI --> DAL --> NOVA

* *9:26:46 PM*

**saggi**

YES

* *9:26:59 PM*

**saggi**

WSGI --> Cascade Service --> DAL --> NOVA

* *9:27:24 PM*

**joehuang2**

but api can't see the fake node, it's dynamicly created

* *9:27:51 PM*

**saggi**

Once you create the fake node in the Adapter it registers with the DB so top knows about it

* *9:27:58 PM*

**saggi**

The flow would be:

* *9:29:10 PM*

**zhiyuan\_**

so DAL needs to register new site to the top NOVA, as compute node?

* *9:29:25 PM*

**gampel**

yes i think so

* *9:29:32 PM*

**gampel**

as a AZ

* *9:29:51 PM*

**saggi**

User -create\_site()-> WSGI -create\_site()-> Cascade Service -create\_site()-> DB

* *9:29:51 PM*

**saggi**

-create\_fake\_node-> Adapter

* *9:29:51 PM*

**saggi**

-add\_to\_az()-> Dal --> Nova

* *9:30:11 PM*

**saggi**

Trying to do a sequence diagram in ASCII is hard :)

* *9:30:23 PM*

**joehuang2**

one moment

* *9:30:41 PM*

**gampel**

:)

* *9:31:19 PM*

**zhipeng**

new occupation as ASCII artist :P

* *9:31:35 PM*

**joehuang2**

if no compute node, can the AZ record be created directly in Nova DB

* *9:31:55 PM*

**saggi**

We don't want to access the Nova DB directly

* *9:32:09 PM*

**gampel**

it will be better to do it via the API

* *9:32:21 PM*

**saggi**

Having the function that bind the AZ to a Compute host would suffice for now. Since I need to move some code around have the sites defined by the DB and no an in memory list

* *9:32:47 PM*

**joehuang2**

it seems that the AZ is prensented only when the compute node was added into host aggregate, in current nova implementation

* *9:32:54 PM*

**saggi**

yes

* *9:33:00 PM*

**saggi**

it's just a string attribute

* *9:33:05 PM*

**joehuang2**

create\_site()-> WSGI -create\_site()-> Cascade Service -create\_site()-> DB, there is no compute node in the AZ yet. I am affraid can we insert a new AZ into NOVA

* *9:33:14 PM*

**saggi**

yes

* *9:33:21 PM*

**saggi**

the second phase is creating a node in the adapter

* *9:33:28 PM*

**saggi**

that will register with nova

* *9:33:38 PM*

**saggi**

This is what my current patches implement

* *9:34:15 PM*

**saggi**

Than after it registered with nova add it to a Host Aggregate with the proper AZ attribute

* *9:34:37 PM*

**joehuang2**

create\_site()-> WSGI -create\_site()-> Cascade Service -create\_site()-> DB->create fake node->create host aggreagte in nova

* *9:35:00 PM*

**saggi**

That is the order

* *9:36:09 PM*

**joehuang2**

:)

* *9:37:06 PM*

**joehuang2**

I think work progress and status is clear, may we end the meeting earlier

* *9:37:20 PM*

**zhiyuan\_**

sorry I lost the connection again and I change the client. Do I miss something?

* *9:37:53 PM*

**zhiyuan\_**

I only see the order sent by joehuang

* *9:37:58 PM*

**gampel**

welcome back we think that the next DAL task is handle site registration

* *9:38:03 PM*

**zhiyuan\_**

this "create\_site()-> WSGI -create\_site()-> Cascade Service -create\_site()-"

* *9:38:18 PM*

**saggi**

<http://www.plantuml.com/plantuml/img/TP3DIaD138NtUOfmztq15zAV2wKBNRGKmTtfJ9mEtdkdJd8hlhqP196gsvplV0bPgg7QF0v4bcqGxXv45KcK5toGjrcc8Dndf8gn8qAmKlceKkbKvYcYVl3JORiZQZDUtFFskECx3bLWmffDg4qyw3RGW2YkhTSSfBl18Wmdg6zRqs_M1Vtwfl4djOguc9_oZRxWLJYKyJB_L-anEBwNbBKrcvlVivrvzKmjS-InNE7CvajvBcgCbAea_61fALFqNtu2>

* *9:38:22 PM*

**joehuang2**

create\_site()-> WSGI -create\_site()-> Cascade Service -create\_site()-> DB->create fake node->create host aggreagte in nova , That is the order

* *9:39:04 PM*

**zhiyuan\_**

ok, i see the figure

* *9:39:11 PM*

**joehuang2**

good

* *9:39:13 PM*

**saggi**

Fixed small error

* *9:39:13 PM*

**saggi**

<http://www.plantuml.com/plantuml/img/TP2zQWD138HxFOMutY-G8lZd8AH8YXXZI3VUbTTBxcwTbSx1Rs-T0o4uSQcPRqP2SpLK6_kEoB9rmisBg2A9yepNyZdA48JRZ5JHDqG8LYflL2hjoZX4r3Dlrq_FH9F6iyVhn0ySgi24DPlGLNAhMK43edXnFUKWpGqNOTX1VT-I_h9Uq2vl4lzIYuYZ-J4_w1uVmg7qn_5Uf4Nd-9kah5DowkQlR0TUlDFaEV9QJd1czLrvA6gCbAea_69fBaFqRru0>

* *9:39:54 PM*

**saggi**

Speed UML drawing :)

* *9:41:26 PM*

**saggi**

I might also add a hook in the scheduler since it get's notification when a host aggregate changes to tell the Cascade Service to make sure everything is correct

* *9:43:14 PM*

**saggi**

That way an admin can't screw up the mapping

* *9:43:35 PM*

**joehuang2**

only admin can do that

* *9:44:57 PM*

**gampel**

zhiyuan we can discuss it some more tomorrow in the tricircle IRC after you look at it a bit

* *9:45:01 PM*

**saggi**

But an admin that doesn't know that s\he should change the AZ name in the tricircle API and not the Nova API might cause the system to misbehave

* *9:45:03 PM*

**saggi**

better be save

* *9:45:37 PM*

**zhiyuan\_**

@gampel ok

* *9:48:45 PM*

**gampel**

I think that we are all done thank you lets continue talking this week in the tricircle IRC

* *9:49:14 PM*

**saggi**

Just to make it clear

* *9:49:26 PM*

**saggi**

Start with the dal -> nova part

* *9:49:37 PM*

**saggi**

since I am making a lot of changes all around the cascade service

* *9:49:55 PM*

**saggi**

don't want to have issues merging.

* *9:52:28 PM*

**zhipeng**

so let's conclude today's meeting

* *9:52:35 PM*

**zhipeng**

if there is no other buisness

* *9:52:54 PM*

**gampel**

i don't think so good night

* *9:53:13 PM*

**zhiyuan\_**

thanks and bye~~

* *9:53:18 PM*

**joehuang2**

bye

* *9:53:26 PM*

**zhipeng**

#endmeeting

* *9:53:27 PM*

openstack changed the topic to: OpenStack Meetings || <https://wiki.openstack.org/wiki/Meetings>.

* *9:53:28 PM*

**openstack**

Meeting ended Wed Sep 9 13:53:26 2015 UTC. Information about MeetBot at <http://wiki.debian.org/MeetBot> . (v 0.1.4)

* *9:53:30 PM*

**openstack**

Minutes: <http://eavesdrop.openstack.org/meetings/tricircle/2015/tricircle.2015-09-09-13.01.html>

* *9:53:31 PM*

**openstack**

Minutes (text): <http://eavesdrop.openstack.org/meetings/tricircle/2015/tricircle.2015-09-09-13.01.txt>

* *9:53:32 PM*

**openstack**

Log: <http://eavesdrop.openstack.org/meetings/tricircle/2015/tricircle.2015-09-09-13.01.log.html>

* *9:53:33 PM*

husanu joined the channel.

* *9:53:35 PM*

**gampel**

bye

* *9:53:47 PM*

zhiyuan\_ has quit:

* *9:53:58 PM*

katomo joined the channel.