HW-4 Vera Li.

Contact: Vera_xuanyingli@ge.com

IT Operations - Automation and Orchestration

https://www.youtube.com/watch?v=JTv1QWjTWS8&index=1&list=PLLO4AVszo1SOkNPAv4E824AFScdduO9NF

http://cloudmesh.github.io/introduction to cloud computing/class/lesson/devops/ansible.html#ref-class-lesson-devops-ansible

Ansible

Tutorial: Ansible Basic commands

Keep in mind that ansible is a main program and playbook is a template that you would like to use. Ansible has two types of servers: a control machine and a managed node. Typically, a single control machine executes tasks over the one or more nodes.

Control machine

create a seperate virtualenv and install Ansible

```
Python version 2.7.9 loaded
OpenStack Clients loaded
OpenStack Clients loaded
This works for Juno version. If you intend to use Havana(older version),
Please load openstack-havan like this;

module load openstack-havana

[verali@i136 ~ $ mkdir -p ~/venv/ansible
[verali@i136 ~ $ virtualenv ~/venv/ansible
PYTHONHOME is set. You *must* activate the virtualenv before using it
New python executable in /N/u/verali/venv/ansible/bin/python
Installing setuptools, pip...done.
[verali@i136 ~ $ source ~/venv/ansible/bin/activate
(ansible) verali@i136 ~ ]$
```

```
verali@i136:~
(ansible) [verali@i136 ~]$ pip install --trusted-host pypi.python.org ansible
You are using pip version 6.1.1, however version 7.0.3 is available.
You should consider upgrading via the 'pip install --upgrade pip'
Collecting ansible
 Downloading ansible-1.9.1.tar.gz (917kB)
    100% I
                                           | 917kB 13.6MB/s
Collecting paramiko (from ansible)
  Downloading paramiko-1.15.2-py2.py3-none-any.whl (165kB)
    100% I
                                          | 167kB 1.5MB/s
Collecting jinja2 (from ansible)
  Downloading Jinja2-2.7.3.tar.gz (378kB)
    100% |
                                          | 380kB 13.2MB/s
Collecting PyYAML (from ansible)
  Downloading PyYAML-3.11.tar.gz (248kB)
                                          | 249kB 13.2MB/s
    100% I
Requirement already satisfied (use --upgrade to upgrade): setuptools in ./venv/a 🔻
                                                                      🗬 verali@i136:∼
                                          | 446kB 12.9MB/s
    100% |
Collecting ecdsa>=0.11 (from paramiko->ansible)
  Downloading ecdsa-0.13-py2.py3-none-any.whl (86kB)
    100% I
                                          | 90kB 15.7MB/s
Collecting markupsafe (from jinja2->ansible)
  Downloading MarkupSafe-0.23.tar.gz
Installing collected packages: ecdsa, pycrypto, paramiko, markupsafe, jinja2, Py
YAML, ansible
 Running setup.py install for pycrypto
 Running setup.py install for markupsafe
 Running setup.py install for jinja2
  Running setup.py install for PyYAML
  Running setup.pv install for ansible
Successfully installed PyYAML-3.11 ansible-1.9.1 ecdsa-0.13 jinja2-2.7.3 markups
afe-0.23 paramiko-1.15.2 pycrypto-2.6.1
(ansible)[verali@i136 ~]$
```

Managed machines

Launch 3 vms on openstack – with IP address as below:

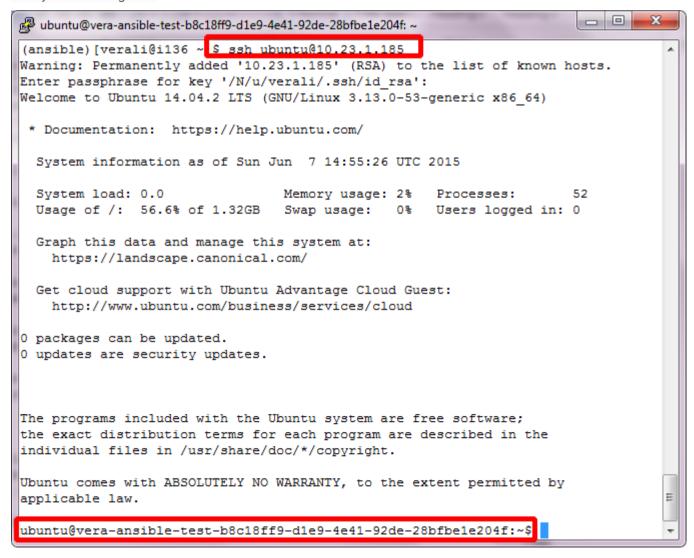
10.23.1.184

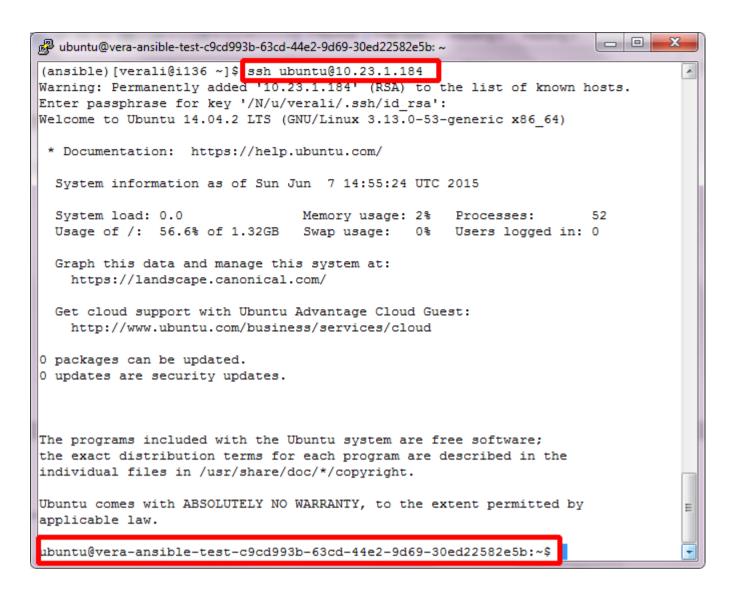
10.23.1.185

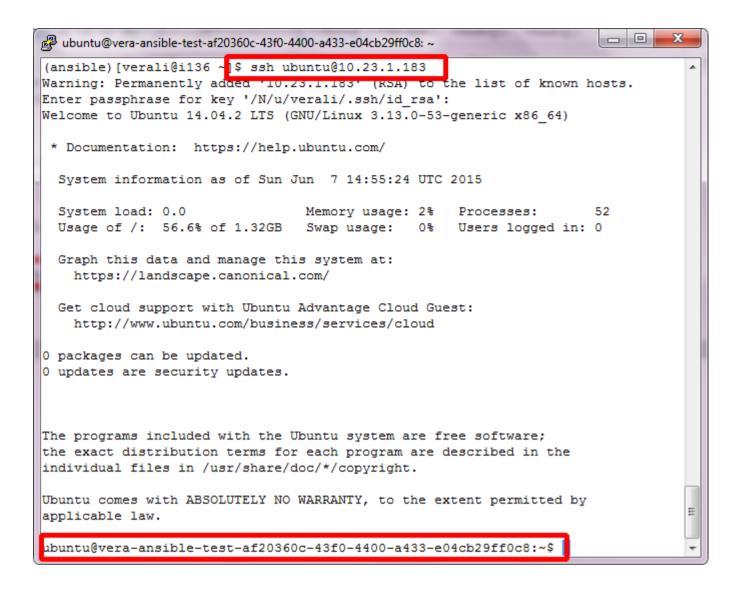
10.23.1.183

Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power State	Time since created
vera-ansible- test-c9cd993b- 63cd-44e2- 9d69- 30ed22582e5b	futuresystems/ubuntu- 14.04	10.23.1.184	m1.small	vera_xuanying_li	Active	nova	None	Running	1 minute
vera-ansible- test-b8c 18ff9- d1e9-4e41- 92de- 28bfbe1e204f	futuresystems/ubuntu- 14.04	10.23.1.185	m1.small	vera_xuanying_li	Active	nova	None	Running	1 minute
vera-ansible- test-af20360c- 43f0-4400- a433- e04cb29ff0c8	futuresystems/ubuntu- 14.04	10.23.1.183	m1.small	vera_xuanying_li	Active	nova	None	Running	1 minute

Sanity check using SSH:

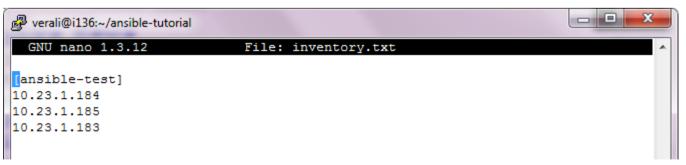






Create inventory file:

```
(ansible) [verali@i136 ~]$ mkdir ansible-tutorial
(ansible) [verali@i136 ~]$ cd ansible-tutorial/
(ansible) [verali@i136 ansible-tutorial]$ emacs inventory.txt
```



Ansible SSH Configuration

Shell module: Hello World

ansible all -i inventory.txt -u ubuntu -c ssh -a "echo Hello World"

Ping module

ansible all -i inventory.txt -u ubuntu -c ssh -m ping

```
(ansible) [verali@i136 ansible-tutorial]$ ansible all -i inventory.txt -u ubuntu
-c ssh -m pinq
10.23.1.184 | success >> {
    "changed": false,
    "ping": "pong"
}

10.23.1.185 | success >> {
    "changed": false,
    "ping": "pong"
}

10.23.1.183 | success >> {
    "changed": false,
    "ping": "pong"
}
```

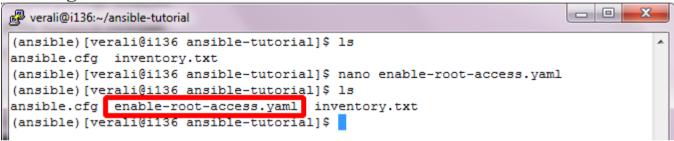
Ansible Playbooks

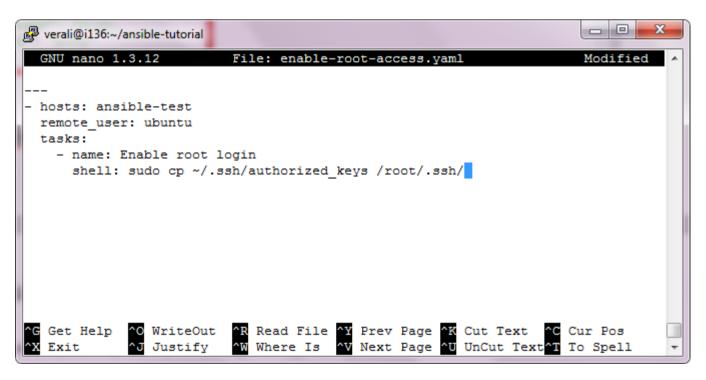
First playbook for MongoDB Installation

Task list

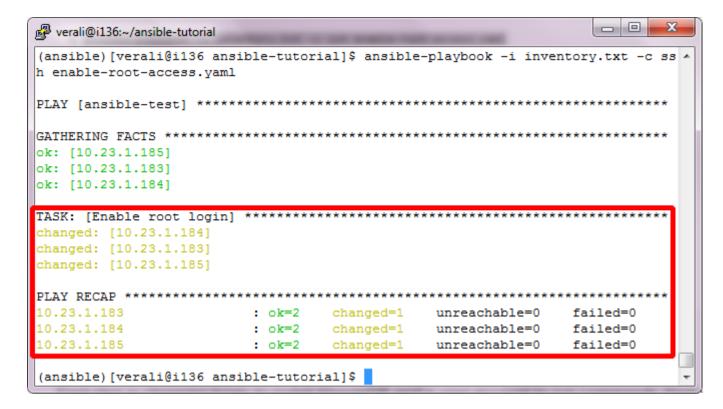
- Import the public key used by the package management system
- Create a list file for MongoDB
- Reload local package database
- Install the MongoDB packages
- Start MongoDB

Enabling Root SSH Access





Run the playbook:



Hosts and Users

Playbook for mongodb:

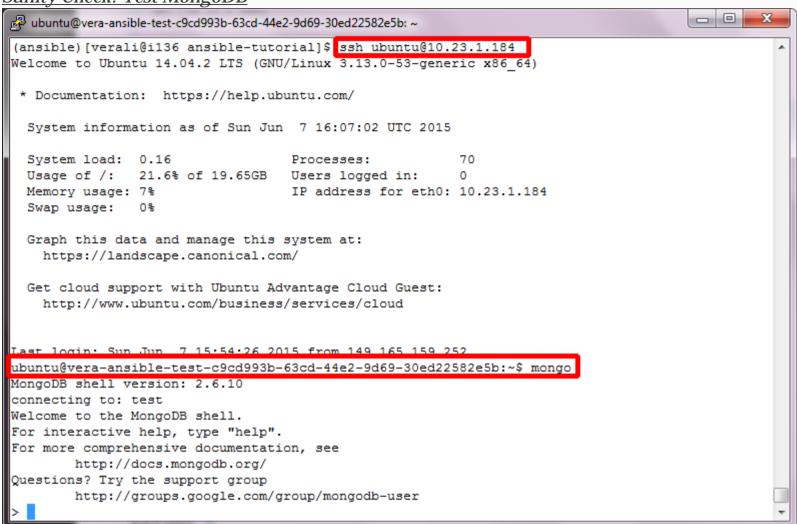
```
---
- hosts: ansible-test
remote_user: root
tasks:
- name: Import the public key used by the package management system
apt_key: keyserver=hkp://keyserver.ubuntu.com:80 id=7F0CEB10 state=present
- name: Add MongoDB repository
apt_repository: repo='deb http://downloads-distro.mongodb.org/repo/ubuntu-upstart dist 10g$
- name: install mongodb
apt: pkg=mongodb-org state=latest update_cache=yes
notify:
- start mongodb
handlers:
- name: start mongodb
service: name=mongod state=started
```

```
√ verali@i136:~/ansible-tutorial

                                   File: mongodb.yaml
 GNU nano 1.3.12
- hosts: ansible-test
 remote user: root
 tasks:
 - name: Import the public key used by the package management system
   apt key: keyserver=hkp://keyserver.ubuntu.com:80 id=7F0CEB10 state=present
 - name: Add MongoDB repository
   apt repository: repo='deb http://downloads-distro.mongodb.org/repo/ubuntu-upstart dist 10g$
 - name: install mongodb
   apt: pkg=mongodb-org state=latest update cache=yes
   notify:
    - start mongodb
 handlers:
   - name: start mongodb
      service: name=mongod state=started
```

ansible-playbook -i inventory.txt -c ssh mongodb.yaml verali@i136:~/ansible-tutorial (ansible) [verali@i136 ansible-tutorial] \$ nano mongodb.yaml (ansible) [verali@i136 ansible-tutorial] ansible-playbook -i inventory.txt -c ssh mongodb.yaml lok: [10.23.1.183] ok: [10.23.1.184] ok: [10.23.1.185] TASK: [Import the public key used by the package management system] ********** ok: [10.23.1.184] ok: [10.23.1.183] ok: [10.23.1.185] TASK: [Add MongoDB repository] *********************************** ok: [10.23.1.184] ok: [10.23.1.183] ok: [10.23.1.185] ok: [10.23.1.185] ok: [10.23.1.184] ok: [10.23.1.183] 10.23.1.183 : ok=4 changed=0 unreachable=0 failed=0 changed=0 unreachable=0 failed=0 10.23.1.184 : ok=4 10.23.1.185 : ok=4 changed=0 unreachable=0 failed=0 (ansible)[verali@i136 ansible-tutorial]\$

Sanity Check: Test MongoDB



Lab session

```
verali@il36:~/ansible-apache

(ansible) [verali@il36 ansible-apache]$ ansible apache -m ping -u ubuntu
10.23.1.183 | success >> {
    "changed": false,
    "ping": "pong"
}

10.23.1.184 | success >> {
    "changed": false,
    "ping": "pong"
}

10.23.1.185 | success >> {
    "changed": false,
    "ping": "pong"
}

(ansible) [verali@il36 ansible-apache]$ ansible apache -m command -a "/bin/echo hello
```

```
verali@i136:~/ansible-apache
(ansible)[verali@i136 ansible-apache]$ ansible-playbook apache.yml -u ubuntu
GATHERING FACTS ******
ok: [10.23.1.185]
ok: [10.23.1.183]
ok: [10.23.1.184]
changed: [10.23.1.185]
changed: [10.23.1.184]
changed: [10.23.1.183]
: ok=2 changed=1 unreachable=0 failed=0
10.23.1.183
10.23.1.184
                  : ok=2 changed=1 unreachable=0 failed=0
10.23.1.185
                  : ok=2 changed=1 unreachable=0 failed=0
(ansible) [verali@i136 ansible-apache]$
```

```
---
- hosts: apache
remote_user: root
tasks:
- name: install apache2
apt: name=apache2 update_cache=yes state=latest
```

OpenStack Heat

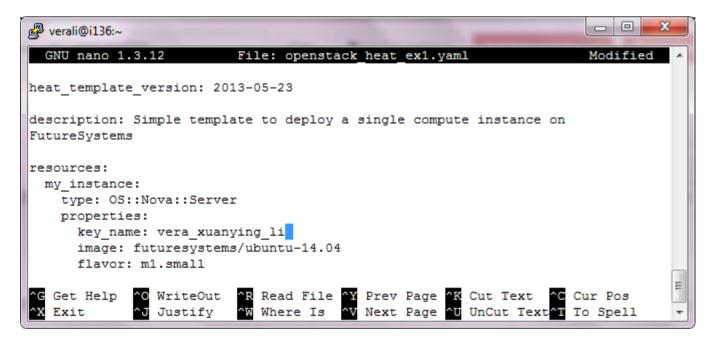
https://mix.office.com/watch/1ry7jrkuvkfwh

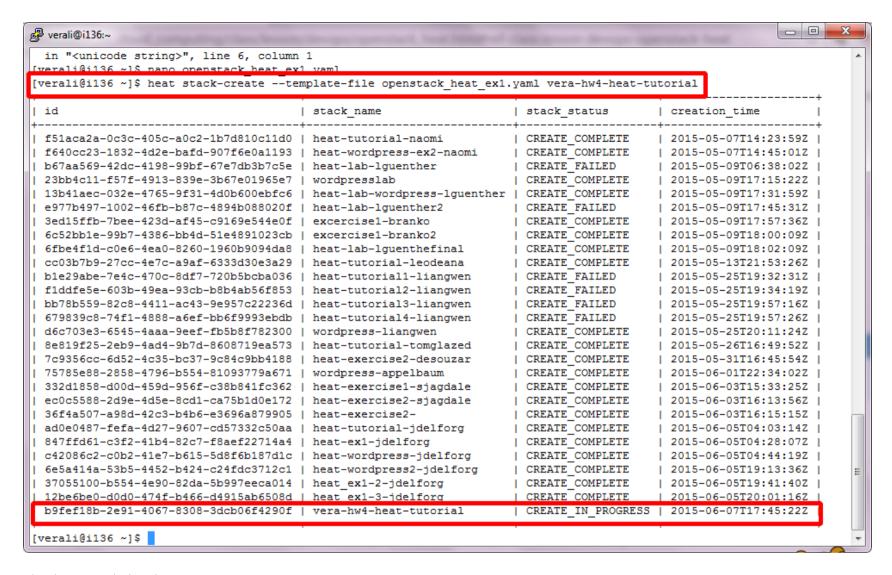
http://cloudmesh.github.io/introduction_to_cloud_computing/class/lesson/devops/openstack_heat.html#ref-class-lesson-devops-openstack-heat

Heat Client Tool & Stack List



Create a template in yaml





Check my stack details:

```
0

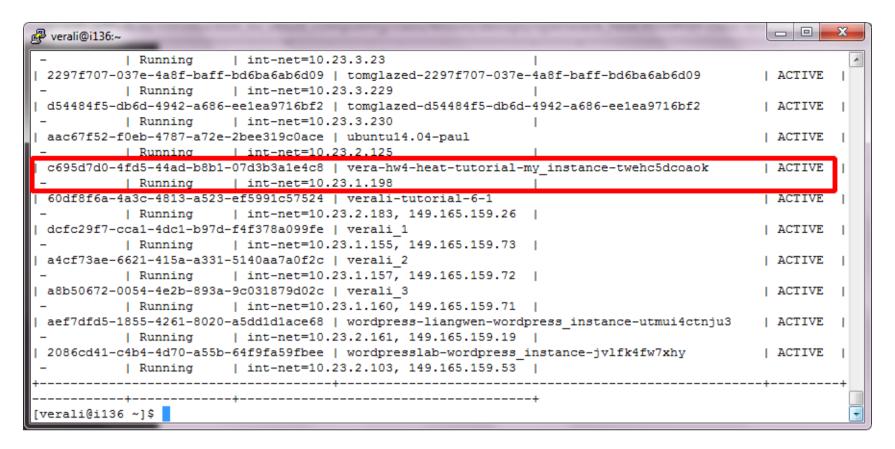
√ verali@i136:~
[verali@i136 ~]$ heat stack-show vera-hw4-heat-tutorial
| Property
                      | Value
| capabilities
                     1 []
| creation time
               | 2015-06-07T17:45:22Z
| description
                    | Simple template to deploy a single compute instance on
                     | FutureSystems
| disable rollback
                    | True
                     | b9fef18b-2e91-4067-8308-3dcb06f4290f
| id
                     | http://i5r.idp.iu.futuregrid.org:8004/v1/2f841c236fc04e14a24d2655d9726eb5/stacks/
links
vera-hw4-heat-tutorial/b9fef18b-2e91-4067-8308-3dcb06f4290f (self) |
| notification topics | []
outputs
```

```
- 0

√ verali@i136:~

                      1 }
| parent
                     | None
stack name
                    | vera-hw4-heat-tutorial
| stack owner
                    | verali
| stack status | CREATE COMPLETE
| stack_status_reason | Stack CREATE completed successfully
| template description | Simple template to deploy a single compute instance on
                     | FutureSystems
| timeout mins
                    | None
| updated time
                    | None
[verali@i136 ~1$
```

Nova list to check instance:



Delete a stack:

```
- - X

√ verali@i136:~

w', 'resource-signal', 'resource-template', 'resource-type-list', 'resource-type-show',
'resource-type-template', 'service-list', 'snapshot-delete', 'snapshot-list', 'snapshot-
show', 'stack-abandon', 'stack-adopt', 'stack-cancel-update', 'stack-create', 'stack-del
ete', 'stack-list', 'stack-preview', 'stack-restore', 'stack-show', 'stack-snapshot', 's
tack-update', 'template-show', 'template-validate', 'update', 'validate', 'bash-completi
on', 'help', 'bash completion')
[verali@i136 ~]$ heat stack-delete vera-hw4-heat-tutorial
id
                                  | stack name
                                                             | stack status
  creation time
| 2015-06-05T20:01:16Z |
| b9fef18b-2e91-4067-8308-3dcb06f4290f | vera-hw4-heat-tutorial
                                                                DELETE IN PROGRE
SS | 2015-06-07T17:45:22Z |
[verali@i136 ~]$
```

Exercises 1:

```
heat template version: 2013-05-23
description: Heat Exercise 1
parameters:
key_name:
  type: string
 label: key name
  default: vera xuanying li
 image id:
  type: string
  label: Image name
 default: futuresystems/ubuntu-14.04
 instance_type:
  type: string
  label: Instance flavor
  default: m1.small
resources:
secgroup:
  type: OS::Neutron::SecurityGroup
  properties:
   rules:
    - protocol: tcp
     remote_ip_prefix: 0.0.0.0/0
     port_range_min: 22
     port_range_max: 22
 instance_port:
  type: OS::Neutron::Port
  properties:
   network: int-net
   security groups:
    - default
    - { get_resource: secgroup }
 instance:
  type: OS::Nova::Server
  properties:
   key_name: { get_param: key_name }
   image: { get_param: image_id }
   flavor: { get_param: instance_type }
   networks:
    - port: { get_resource: instance_port }
```

```
1T22:34:02Z |
| 332d1858-d00d-459d-956f-c38b841fc362 | heat-exercise1-sjagdale
                                                                | CREATE COMPLETE
                                                                                    I 2015-06-0
3T15:33:25Z
| ec0c5588-2d9e-4d5e-8cd1-ca75b1d0e172 | heat-exercise2-sjagdale
                                                                 | CREATE COMPLETE
                                                                                    2015-06-0
                                                                 | CREATE COMPLETE
| 36f4a507-a98d-42c3-b4b6-e3696a879905 | heat-exercise2-
                                                                                    1 2015-06-0
3T16:15:15Z |
| ad0e0487-fefa-4d27-9607-cd57332c50aa | heat-tutorial-jdelforg
                                                                | CREATE COMPLETE
                                                                                    | 2015-06-0
5T04:03:14Z |
                                                                 | CREATE COMPLETE
| 847ffd61-c3f2-41b4-82c7-f8aef22714a4 | heat-ex1-jdelforg
                                                                                     | 2015-06-0
5T04:28:07Z |
| c42086c2-c0b2-41e7-b615-5d8f6b187d1c | heat-wordpress-jdelforg
                                                                 | CREATE COMPLETE
                                                                                     | 2015-06-0
5T04:44:19Z |
| 6e5a414a-53b5-4452-b424-c24fdc3712c1 | heat-wordpress2-jdelforg
                                                                | CREATE COMPLETE
                                                                                     2015-06-0
5T19:13:36Z |
37055100-b554-4e90-82da-5b997eeca014 | heat ex1-2-jdelforg
                                                                 | CREATE COMPLETE
                                                                                     I 2015-06-0
5T19:41:40Z |
| 12be6be0-d0d0-474f-b466-d4915ab6508d | heat ex1-3-jdelforg
                                                                 | CREATE COMPLETE
                                                                                     1 2015-06-0
| CREATE IN PROGRESS
                                                                                      2015-06-0
7T18:25:12Z |
[verali@i136 ~]$
```

Exercise 2

```
heat template version: 2013-05-23
description: >
Heat WordPress template on Fedora 21, using only Heat OpenStack-native
 resource types (adapted from HOT examples), and without the requirement for
 heat-cfntools in the image. WordPress is web software you can use to create
 a beautiful website or blog.
 This template installs a single-instance WordPress deployment using a local
 MySQL database to store the data.
parameters:
 key_name:
  type: string
  description: Name of a KeyPair to enable SSH access to the instance
 instance type:
  type: string
  description: Instance type for WordPress server
  default: m1.small
  constraints:
   - allowed values: [m1.small, m1.medium, m1.large]
    description: instance type must be one of m1.small, m1.medium or m1.large
 image id:
  type: string
  description: >
   Name or ID of the image to use for the WordPress server.
   Recommended values are fedora-20.i386 or fedora-20.x86_64;
   get them from http://cloud.fedoraproject.org/fedora-20.i386.qcow2
   or http://cloud.fedoraproject.org/fedora-20.x86 64.qcow2.
```

```
Futuresystems has fedora-21.
  default: futuresystems/fedora-21
 db name:
  type: string
  description: WordPress database name
  default: wordpress
  constraints:
   - length: { min: 1, max: 64 }
    description: db name must be between 1 and 64 characters
   - allowed pattern: '[a-zA-Z][a-zA-Z0-9]*'
    description: >
     db name must begin with a letter and contain only alphanumeric
     characters
 db username:
  type: string
  description: The WordPress database admin account username
  default: admin
  hidden: true
  constraints:
   - length: { min: 1, max: 16 }
    description: db username must be between 1 and 16 characters
   - allowed_pattern: '[a-zA-Z][a-zA-Z0-9]*'
    description: >
     db username must begin with a letter and contain only alphanumeric
     characters
 db password:
  type: string
  description: The WordPress database admin account password
  default: admin
  hidden: true
  constraints:
   - length: { min: 1, max: 41 }
    description: db_password must be between 1 and 41 characters
   - allowed pattern: '[a-zA-Z0-9]*'
    description: db password must contain only alphanumeric characters
 db_root_password:
  type: string
  description: Root password for MySQL
  default: admin
  hidden: true
  constraints:
   - length: { min: 1, max: 41 }
    description: db_root_password must be between 1 and 41 characters
   - allowed pattern: '[a-zA-Z0-9]*'
    description: db root password must contain only alphanumeric characters
resources:
 security group:
  type: AWS::EC2::SecurityGroup
  properties:
   GroupDescription: "SSH (22), HTTP (80)"
   SecurityGroupIngress:
   - IpProtocol: "tcp"
    FromPort: "22"
```

```
ToPort: "22"
   Cidrlp: "0.0.0.0/0"
  - IpProtocol: "tcp"
   FromPort: "80"
   ToPort: "80"
   CidrIp: "0.0.0.0/0"
floatingip:
 type: OS::Nova::FloatingIP
 properties:
  pool: ext-net
wordpress instance:
 type: OS::Nova::Server
 properties:
  image: { get param: image id }
  flavor: { get param: instance type }
  key name: { get param: key name }
  security groups:
   - "default"
   - { get_resource: security_group }
  user_data:
   str replace:
    template: |
     #!/bin/bash -v
     yum -y install mariadb mariadb-server httpd wordpress
     touch /var/log/mariadb/mariadb.log
     chown mysgl.mysgl /var/log/mariadb/mariadb.log
     systemctl start mariadb.service
     # Setup MySQL root password and create a user
     mysqladmin -u root password db rootpassword
     cat << EOF | mysql -u root --password=db rootpassword
     CREATE DATABASE db name;
     GRANT ALL PRIVILEGES ON db_name.* TO "db_user"@"localhost"
     IDENTIFIED BY "db password";
     FLUSH PRIVILEGES;
     EXIT
     EOF
     sed -i "/Deny from All/d" /etc/httpd/conf.d/wordpress.conf
     sed -i "s/Require local/Require all granted/" /etc/httpd/conf.d/wordpress.conf
     sed -i s/database name here/db name//etc/wordpress/wp-config.php
     sed -i s/username_here/db_user//etc/wordpress/wp-config.php
     sed -i s/password_here/db_password//etc/wordpress/wp-config.php
     systemctl stop httpd.service
     systemctl start httpd.service
    params:
     db rootpassword: { get param: db root password }
     db name: { get param: db name }
     db_user: { get_param: db_username }
     db_password: { get_param: db_password }
association:
 type: OS::Nova::FloatingIPAssociation
 properties:
```

```
floating_ip: { get_resource: floatingip }
    server_id: { get_resource: 'wordpress_instance' }

outputs:

WebsiteURL:
    description: URL for Wordpress wiki
    value:
    str_replace:
    template: http://host/wordpress
    params:
    host: { get_attr: [ floatingip, ip ] }
```

```
_ 0 X
3T15:33:25Z |
                                                                | CREATE COMPLETE
| ec0c5588-2d9e-4d5e-8cd1-ca75b1d0e172 | heat-exercise2-sjagdale
                                                                                        | 2015-06-0
3T16:13:56Z |
                                                                    | CREATE COMPLETE
                                                                                        | 2015-06-0
| 36f4a507-a98d-42c3-b4b6-e3696a879905 | heat-exercise2-
3T16:15:15Z |
| ad0e0487-fefa-4d27-9607-cd57332c50aa | heat-tutorial-jdelforg
                                                                  | CREATE COMPLETE
                                                                                        | 2015-06-0
5T04:03:14Z |
| 847ffd61-c3f2-41b4-82c7-f8aef22714a4 | heat-ex1-jdelforg
                                                                    | CREATE COMPLETE
                                                                                        I 2015-06-0
5T04:28:07Z |
                                                                   | CREATE COMPLETE
| c42086c2-c0b2-41e7-b615-5d8f6b187d1c | heat-wordpress-jdelforg
                                                                                        | 2015-06-0
5T04:44:19Z |
| 6e5a414a-53b5-4452-b424-c24fdc3712c1 | heat-wordpress2-jdelforg
                                                                    | CREATE COMPLETE
                                                                                        | 2015-06-0
5T19:13:36Z |
                                                                    | CREATE COMPLETE
| 37055100-b554-4e90-82da-5b997eeca014 | heat ex1-2-jdelforg
                                                                                        | 2015-06-0
5T19:41:40Z |
                                                                    | CREATE COMPLETE
| 12be6be0-d0d0-474f-b466-d4915ab6508d | heat ex1-3-jdelforg
                                                                                        | 2015-06-0
5T20:01:16Z |
| 186ce009-dd7e-482b-ae1e-2cd9b4b81a33 | vera-heat-exercise-1
                                                                    | CREATE COMPLETE
                                                                                         | 2015-06-0
7T18:25:12Z |
| 9d498de9-c1c9-4146-a872-00728de9cd15 | vera-heat-wp-ex2
                                                                    | CREATE IN PROGRESS
                                                                                          2015-06-0
7T18:31:19Z |
[verali@i136 ~]$
```

Nova list

```
- - X
💤 verali@i136:∼
E | - | Running | int-net=10.23.3.229
| ACTIV
E | - | Running | int-net=10.23.3.230
| aac67f52-f0eb-4787-a72e-2bee319c0ace | ubuntu14.04-paul
                                                                               ACTIV
E I -
      | Running | int-net=10.23.2.125
| ff9caec8-7365-4ee5-8beb-90d71bf7805f | vera-heat-exercise-1-instance-yukf3rkekxu7
                                                                               | ACTIV
E | - | Running | int-net=10 23 1 20
| 8499db3c-508e-4e9a-a7bb-0c0f0970072f vera-heat-wp-ex2-wordpress instance-1r5iere172ab
                                                                               | ACTIV
E | - | Running | int-net=10.23.1.204, 149.165.159.74 |
| 60df8f6a-4a3c-4813-a523-ef5991c5/524 | vera11-tutorial-6-1
                                                                               | ACTIV
E | - | Running | int-net=10.23.2.183, 149.165.159.26 |
| dcfc29f7-cca1-4dc1-b97d-f4f378a099fe | verali 1
                                                                               | ACTIV
E | - | Running | int-net=10.23.1.155, 149.165.159.73 |
| a4cf73ae-6621-415a-a331-5140aa7a0f2c | verali 2
                                                                               | ACTIV
      | Running | int-net=10.23.1.157, 149.165.159.72 |
E | -
| a8b50672-0054-4e2b-893a-9c031879d02c | verali 3
                                                                               I ACTIV
E | - | Running | int-net=10.23.1.160, 149.165.159.71 |
| aef7dfd5-1855-4261-8020-a5dd1d1ace68 | wordpress-liangwen-wordpress instance-utmui4ctnju3 | ACTIV
E | - | Running | int-net=10.23.2.161, 149.165.159.19 |
| 2086cd41-c4b4-4d70-a55b-64f9fa59fbee | wordpresslab-wordpress instance-jvlfk4fw7xhy
                                                                             | ACTIV
E | - | Running | int-net=10.23.2.103, 149.165.159.53 |
[verali@i136 ~1$
```

Generate WordPress page on: IP: 10.23.1.204

```
_ D X
[verali@i136 ~] $ curl -L http://10.23.1.204/wordpress
<html xmlns="http://www.w3.org/1999/xhtml" lang="en-US" xml:lang="en-US">
<head>
       <meta name="viewport" content="width=device-width" />
       <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
       <title>WordPress &rsaquo; Installation</title>
       <link rel='stylesheet' id='buttons-css' href='http://10.23.1.204/wordpress/wp-includes/css/bu</pre>
ttons.min.css?ver=4.2.2' type='text/css' media='all' />
<link rel='stylesheet' id='open-sans-css' href='//fonts.googleapis.com/css?family=Open+Sans%3A300ital</pre>
ic%2C400italic%2C600italic%2C300%2C400%2C600&subset=latin%2Clatin-ext&ver=4.2.2' type='text/
css' media='all' />
<link rel='stylesheet' id='install-css' href='http://10.23.1.204/wordpress/wp-admin/css/install.min.c</pre>
ss?ver=4.2.2' type='text/css' media='all' />
</head>
<body class="wp-core-ui">
<h1 id="logo"><a href="https://wordpress.org/" tabindex="-1">WordPress</a></h1>
<h1>Welcome</h1>
>Welcome to the famous five-minute WordPress installation process! Just fill in the information below
w and you'11 be on your way to using the most extendable and powerful personal publishing platfo
rm in the world.
```

```
/* <![CDATA[ */
var _wpUtilSettings = {"ajax":{"url":"\/wp-admin\/admin-ajax.php"}};
/* ]]> */
</script>
<script type='text/javascript' src='http://10.23.1.204/wordpress/wp-includes/js/wp-util.min.js?ver=4.2
.2'></script>
<script type='text/javascript' src='http://10.23.1.204/wordpress/wp-admin/js/user-profile.min.js?ver=4
.2.2'></script>
<script type='text/javascript' src='http://10.23.1.204/wordpress/wp-admin/js/language-chooser.min.js?ver=4.2.2'></script>
</body>
</html>
[verali@i136 ~]$
```

Check out web page: http://149.165.159.74/wordpress/wp-admin/install.php

