

nov. 18, 18 17:00

**povray-instance.sh**

Page 1/1

*#!/bin/sh*

```
openstack container create povrayContainer
openstack server create --flavor ml.tiny --image centos7 --security-group custom
SecurityGroup --key-name yonida --user-data povray-userdata.sh povray-instance
```

nov. 10, 18 16:44

povray-userdata.sh

Page 1/1

```
#!/bin/sh

#Proxy config
export http_proxy=http://proxy.clermont-universite.fr:8080

#openstack install
apt-get -y install python-openstackclient

#openstack config
export OS_AUTH_URL=http://172.20.88.10:5000/v3
export OS_PROJECT_ID=72fe25d80014433f8bc78a734a5be70b
export OS_PROJECT_NAME="yonidabrah"
export OS_USER_DOMAIN_NAME="Default"
export OS_USERNAME="yonidabrah"
export OS_PASSWORD="Ent12345"
export OS_REGION_NAME="RegionOne"
export OS_INTERFACE=public
export OS_IDENTITY_API_VERSION=3

#Test Config
openstack server list

#Getting zzpovray.tar.gz from container
openstack object save povrayContainer zzpovray.tar.gz

#Extracting povray
tar xfv zzpovray.tar.gz
ls -l
cd povray

#Creating images
./povray +A +W800 +H600 +Lshare/povray-3.6/include/ +SF1 +EF80 glsbng.ini

#uploading images to container
openstack object create povrayContainer *.png

#Shutdown instance
shutdown
```

nov. 18, 18 17:03	<b>post-traitement-instance.sh</b>	Page 1/1
<pre>#!/bin/sh  openstack server create --flavor ml.tiny --image centos7 --security-group custom SecurityGroup --key-name yonida --user-data post-userdata.sh post-traitement</pre>		

nov. 10, 18 16:44

post-userdata.sh

Page 1/1

```
#!/bin/sh

#Proxy config
export http_proxy=http://proxy.clermont-universite.fr:8080

#openstack install
apt-get -y install python-openstackclient

#openstack config
export OS_AUTH_URL=http://172.20.88.10:5000/v3
export OS_PROJECT_ID=72fe25d80014433f8bc78a734a5be70b
export OS_PROJECT_NAME="yonidabrah"
export OS_USER_DOMAIN_NAME="Default"
export OS_USERNAME="yonidabrah"
export OS_PASSWORD="Ent12345"
export OS_REGION_NAME="RegionOne"
export OS_INTERFACE=public
export OS_IDENTITY_API_VERSION=3

#Test Config
openstack server list

#ImageMagick install
apt-get -y install imagemagick

#Get images from container
openstack container save povrayContainer

#Create GIF file
convert *.png -delay 6 -quality 100 glsbng.gif

#Upload GIF file to povrayContainer
openstack object create povrayContainer glsbng.gif

#Shutdown instance
shutdown
```

nov. 18, 18 17:05	heat-v1.yaml	Page 1/2
<pre> heat_template_version: 2013-05-23  parameters:   key_name:     type: string     description: Name of keypair to assign to server     default: yonida   image:     type: string     description: Name of image to use for server     default: centos7   flavor:     type: string     description: Flavor to use for server     default: ml.tiny   timeout:     type: number     description: Timeout for WaitCondition, depends on your image and environmen t     default: 800  resources:   wait_condition:     type: OS::Heat::WaitCondition     properties:       handle: {get_resource: wait_handle}       count: 1       timeout: {get_param: timeout}    wait_handle:     type: OS::Heat::WaitConditionHandle    genImagesInstance:     type: OS::Nova::Server     properties:       image: {get_param: image}       flavor: {get_param: flavor}       key_name: {get_param: key_name}       user_data_format: RAW       user_data:         str_replace:           template:               #!/bin/sh             #Proxy config             export http_proxy=http://proxy.clermont-universite.fr:8080             #openstack install             apt-get -y install python-openstackclient             #openstack config             export OS_AUTH_URL=http://172.20.88.10:5000/v3             export OS_PROJECT_ID=72fe25d80014433f8bc78a734a5be70b             export OS_PROJECT_NAME="yonidabrah"             export OS_USER_DOMAIN_NAME="Default"             export OS_USERNAME="yonidabrah"             export OS_PASSWORD="Ent12345"             export OS_REGION_NAME="RegionOne"             export OS_INTERFACE=public             export OS_IDENTITY_API_VERSION=3             #Test Config             openstack server list             #Get zvpovray.tar.gz from container             openstack object save povrayContainer zvpovray.tar.gz             #Extracte povray </pre>		

nov. 18, 18 17:05	heat-v1.yaml	Page 2/2
<pre>       tar xfv zvpovray.tar.gz       ls -l       cd povray       #Create images       ./povray +A +W800 +H600 +Lshare/povray-3.6/include/ +SF1 +EF80 glsb  ng.ini        #Upload images to container       openstack object create povrayContainer *.png       wc_notify --data-binary '{"status": "SUCCESS"}'       #Shutdown instance       shutdown    params:     wc_notify: { get_attr: ['wait_handle', 'curl_cli'] }    genGifInstance:     type: OS::Nova::Server     depends_on: wait_condition     properties:       image: {get_param: image}       flavor: {get_param: flavor}       key_name: {get_param: key_name}       user_data_format: RAW       user_data:         str_replace:           template:               #!/bin/sh             #Proxy config             export http_proxy=http://proxy.clermont-universite.fr:8080             #openstack install             apt-get -y install python-openstackclient             #openstack config             export OS_AUTH_URL=http://172.20.88.10:5000/v3             export OS_PROJECT_ID=72fe25d80014433f8bc78a734a5be70b             export OS_PROJECT_NAME="yonidabrah"             export OS_USER_DOMAIN_NAME="Default"             export OS_USERNAME="yonidabrah"             export OS_PASSWORD="Ent12345"             export OS_REGION_NAME="RegionOne"             export OS_INTERFACE=public             export OS_IDENTITY_API_VERSION=3             #Test Config             openstack server list             #ImageMagick install             apt-get -y install imagemagick             #Get images from container             openstack container save povrayContainer             #Create GIF file             convert *.png -delay 6 -quality 100 glsbng.gif             #Upload GIF file to povrayContainer             openstack object create povrayContainer glsbng.gif             #Shutdown instance             shutdown    params:     wc_notify: { get_attr: ['wait_handle', 'curl_cli'] }  outputs:   curl_cli:     value: { get_attr: ['wait_handle', 'curl_cli'] }   wc_data:     value: { get_attr: ['wait_condition', 'data'] } </pre>		

nov. 18, 18 17:05	heat-v2.yaml	Page 1/3
heat_template_version: 2013-05-23		
parameters:		
key_name:		
type: string		
description: Name of keypair to assign to server		
default: yonida		
image:		
type: string		
description: Name of image to use for server		
default: centos7		
flavor:		
type: string		
description: Flavor to use for server		
default: ml.tiny		
timeout:		
type: number		
description: Timeout for WaitCondition, depends on your image and environmen		
t		
default: 800		
numLots:		
type: number		
description: number of images per lot		
default: 60		
indexList:		
type: comma_delimited_list		
label: start index of lots		
default: "1"		
numberLots:		
type: number		
label: number of lots		
default: 1		
resources:		
wait_condition:		
type: OS::Heat::WaitCondition		
properties:		
handle: {get_resource: wait_handle}		
# Note, count of 5 vs 6 is due to duplicate signal ID 5 sent below		
count: {get_resource: numberLots}		
timeout: {get_param: timeout}		
wait_handle:		
type: OS::Heat::WaitConditionHandle		
repeat:		
for_each:		
<%index%>: {get_param: indexList}		
template:		
povray<%index%>:		
type: OS::Nova::Server		
properties:		
image: {get_param: image}		
flavor: {get_param: flavor}		
key_name: {get_param: key_name}		
user_data_format: RAW		
user_data:		
str_replace:		
template:		
#!/bin/sh		
#Proxy config		
export http_proxy=http://proxy.clermont-universite.fr:8080		

nov. 18, 18 17:05	heat-v2.yaml	Page 2/3
<pre> #openstack install apt-get -y install python-openstackclient #openstack config export OS_AUTH_URL=http://172.20.88.10:5000/v3 export OS_PROJECT_ID=72fe25d80014433f8bc78a734a5be70b export OS_PROJECT_NAME="yonidabrah" export OS_USER_DOMAIN_NAME="Default" export OS_USERNAME="yonidabrah" export OS_PASSWORD="Ent12345" export OS_REGION_NAME="RegionOne" export OS_INTERFACE=public export OS_IDENTITY_API_VERSION=3 #Test Config openstack server list #Get zvpovray.tar.gz from container openstack object save povrayContainer zvpovray.tar.gz #Extract povray tar xfv zvpovray.tar.gz ls -l cd povray #Creating images ./povray +A +W800 +H600 +Lshare/povray-3.6/include/ +SF`ind` +EF `ind + nmLot` glsbng.ini #Upload images to container openstack object create povrayContainer *.png wc_notify --data-binary '{"status": "SUCCESS"}' #Shutdown instance shutdown params: wc_notify: { get_attr: ['wait_handle', 'curl_cli'] } ind: &lt;%index%&gt; nmLot: {get_param: numLots}  genGifInstance: type: OS::Nova::Server depends_on: wait_condition properties: image: {get_param: image} flavor: {get_param: flavor} key_name: {get_param: key_name} user_data_format: RAW user_data: str_replace: template:   #!/bin/sh export http_proxy=http://proxy.clermont-universite.fr:8080 apt-get -y install python-openstackclient #openstack config export OS_AUTH_URL=http://172.20.88.10:5000/v3 export OS_PROJECT_ID=72fe25d80014433f8bc78a734a5be70b export OS_PROJECT_NAME="yonidabrah" export OS_USER_DOMAIN_NAME="Default" export OS_USERNAME="yonidabrah" export OS_PASSWORD="Ent12345" export OS_REGION_NAME="RegionOne" export OS_INTERFACE=public export OS_IDENTITY_API_VERSION=3 #Test Config openstack server list #install ImageMagick apt-get -y install imagemagick #Get images from container </pre>		

nov. 18, 18 17:05

heat-v2.yaml

Page 3/3

```
    openstack container save povrayContainer
    #Create GIF file
    convert *.png -delay 6 -quality 100 glsbng.gif
    #Upload GIF file to povrayContainer
    openstack object create povrayContainer glsbng.gif
    #Shutdown instance
    shutdown
params:
  wc_notify: { get_attr: ['wait_handle', 'curl_cli'] }

outputs:
  curl_cli:
    value: { get_attr: ['wait_handle', 'curl_cli'] }
  wc_data:
    value: { get_attr: ['wait_condition', 'data'] }
```