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<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>		

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<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>		