

Redhat Openstack registry


Docker local

```
# yum install docker-distribution -y
```

```
/etc/docker-distribution/registry/config.yml ASSET_SERVER IP
. , ASSET_SERVER가 192.168.24.250 IP
.
```

```
http:
  addr: 192.168.24.250:8787
```

8787



5000 가 5000 가 8787

```
# systemctl start docker-distribution
# systemctl enable docker-distribution
```

(:) .

```
# firewall-cmd --add-port=8787/tcp --permanent
# firewall-cmd --reload
```

Director

```
ASSET_SERVER
. 가 OpenStack ( ) .
```

```
# yum install python-tripleoclient -y
```

Docker

docker director 가
docker .
docker :

```
# yum install docker -y
```

docker ASSET SERVER .



```
# echo 'INSECURE_REGISTRY="--insecure-registry 192.168.24.250:8787"' >> /etc/sysconfig/docker
```

docker:

```
# systemctl start docker  
# systemctl enable docker
```

가

Red Hat Container Catalog

가

- OSP 12

```
# TAG=$(openstack overcloud container image tag discover \  
--image registry.access.redhat.com/rhosp12/openstack-base:latest \  
--tag-from-label version-release) ; echo $TAG
```

- OSP 13

"\$TAG"

가

- OSP 12

```
# docker search registry.access.redhat.com/rhosp12 | awk '{print $2}' | grep
^registry.access.redhat.com | while read IMAGE_NAME
do
  docker pull ${IMAGE_NAME}:${TAG}
  IMAGE_PATH=$(echo ${IMAGE_NAME} | cut -f2- -d/)
  docker tag ${IMAGE_NAME}:${TAG} 192.168.24.250:8787/${IMAGE_PATH}:${TAG}
  docker push 192.168.24.250:8787/${IMAGE_PATH}:${TAG}
done
```

: 192.168.24.250 IP

- OSP 13

```
# ASSET_SERVER=192.168.24.250
# docker search registry.access.redhat.com/rhosp13 | awk '{print $2}' | grep
^registry.access.redhat.com | while read IMAGE_NAME
do
  TAG=$(openstack overcloud container image tag discover --image
${IMAGE_NAME} --tag-from-label {version}-{release})
  echo "Pulling ${IMAGE_NAME}:${TAG} ..."
  docker pull ${IMAGE_NAME}:${TAG}
  IMAGE_PATH=$(echo ${IMAGE_NAME} | cut -f2- -d/)
  docker tag ${IMAGE_NAME}:${TAG} ${ASSET_SERVER}:8787/${IMAGE_PATH}:${TAG}
  docker tag ${ASSET_SERVER}:8787/${IMAGE_PATH}:${TAG}
${ASSET_SERVER}:8787/${IMAGE_PATH}:latest
  docker push ${ASSET_SERVER}:8787/${IMAGE_PATH}
done
```

: 192.168.24.250 IP

Red Hat Ceph Storage**ceph**

- OSP 12

```
# docker pull registry.access.redhat.com/rhceph/rhceph-2-rhel7:latest
# docker tag registry.access.redhat.com/rhceph/rhceph-2-rhel7:latest
192.168.24.250:8787/rhceph/rhceph-2-rhel7:latest
```

```
# docker push 192.168.24.250:8787/rhceph/rhceph-2-rhel7:latest
```

```
: 192.168.24.250 IP .
```

- OSP 13

```
# ASSET_SERVER=192.168.24.250
# docker pull registry.access.redhat.com/rhceph/rhceph-3-rhel7:latest
# docker tag registry.access.redhat.com/rhceph/rhceph-3-rhel7:latest
${ASSET_SERVER}:8787/rhceph/rhceph-3-rhel7:latest
# docker push ${ASSET_SERVER}:8787/rhceph/rhceph-3-rhel7:latest
```

```
: 192.168.24.250 IP .
```

OpenStack Platform 가
openstack overcloud container image prepare

가

- OSP 12

```
$ source ~/stackrc
(undercloud) $ openstack overcloud container image prepare \
--namespace=<ASSET_SERVER_IP>:8787/rhosp12 \
--prefix=openstack- \
--tag=<TAG> \
--output-env-file=/home/stack/templates/overcloud_images.yaml
```

- OSP 13

```
$ source ~/stackrc
(undercloud) $ openstack overcloud container image prepare \
--namespace=<ASSET_SERVER_IP>:8787/rhosp13 \
--prefix=openstack- \
--tag-from-label {version}-{release} \
--output-env-file=/home/stack/templates/overcloud_images.yaml
```

- <https://access.redhat.com/articles/3348761>
- <https://access.redhat.com/articles/2377701>

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