apt-get install curl gcc memcached rsync sqlite3 xfsprogs

apt-get install git-core libffi-dev python-setuptools

apt-get install liberasurecode-dev libssl-dev

apt-get install python-coverage python-dev python-nose

apt-get install python-xattr python-eventlet

apt-get install python-xattr python-eventlet

apt-get install python-greenlet python-pastedeploy

apt-get install python-netifaces python-pip python-dnspython

apt-get install python-mock

cd /opt

git clone https://github.com/openstack/swift.git

cd /opt/swift

git checkout stable/train

pip install -r requirements.txt

python setup.py install

cd

mkdir -p /etc/swift

cd /opt/swift/etc

useradd swift

chown -R swift:swift /etc/swift

clear

cp account-server.conf-sample /etc/swift/account-server.conf

cp container-server.conf-sample /etc/swift/container-server.conf

cp object-server.conf-sample /etc/swift/object-server.conf

cp proxy-server.conf-sample /etc/swift/proxy-server.conf

cp swift.conf-sample /etc/swift/swift.conf

cp drive-audit.conf-sample /etc/swift/drive-audit.conf

cp rsyncd.conf-sample /etc/swift/rsyncd.conf

cp internal-client.conf-sample /etc/swift/internal-client.conf

cp container-reconciler.conf-sample /etc/swift/container-reconciler.conf

cp memcache.conf-sample /etc/swift/memcache.conf

swift-init -h

ls /sys/block

mkfs.xfs -f -L d1 /dev/vdb

mkfs.xfs -f -L d2 /dev/vdc

mkfs.xfs -f -L d3 /dev/vdd

mkfs.xfs -f -L d4 /dev/vde

mkfs.xfs -f -L d5 /dev/vdf

mkfs.xfs -f -L d6 /dev/vdg

mkfs.xfs -f -L d7 /dev/vdh

mkfs.xfs -f -L d8 /dev/vdi

mkfs.xfs -f -L d9 /dev/vdj

mkfs.xfs -f -L d10 /dev/vdk

mkfs.xfs -f -L d11 /dev/vdl

mkfs.xfs -f -L d12 /dev/vdm

mkfs.xfs -f -L d13 /dev/vdn

mkfs.xfs -f -L d14 /dev/vdo

Clear

mkdir -p /srv/node/d1

mkdir -p /srv/node/d2

mkdir -p /srv/node/d3

mkdir -p /srv/node/d4

mkdir -p /srv/node/d5

mkdir -p /srv/node/d6

mkdir -p /srv/node/d7

mkdir -p /srv/node/d8

mkdir -p /srv/node/d9

mkdir -p /srv/node/d10

mkdir -p /srv/node/d11

mkdir -p /srv/node/d12

mkdir -p /srv/node/d13

mkdir -p /srv/node/d14

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d1 /srv/node/d1

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d2 /srv/node/d2

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d3 /srv/node/d3

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d4 /srv/node/d4

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d5 /srv/node/d5

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d6 /srv/node/d6

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d7 /srv/node/d7

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d8 /srv/node/d8

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d9 /srv/node/d9

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d10 /srv/node/d10

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d11 /srv/node/d11

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d12 /srv/node/d12

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d13 /srv/node/d13

mount -t xfs -o noatime,nodiratime,logbufs=8 -L d14 /srv/node/d14

chown -R swift:swift /srv/node

cd /opt/swift/bin

sudo vim mount\_devices.sh

vim mount\_devices.sh

apt install vim

sudo vim mount\_devices.sh

crontab -e

*@reboot sh /opt/swift/bin/mount\_devices.sh*

reboot

mount

clear

mount

cd /etc/swift

clear

swift-ring-builder account.builder create 3 3 1

swift-ring-builder container.builder create 3 3 1

swift-ring-builder object.builder create 3 3 1

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d1 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d1 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d1 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d2 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d2 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d2 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d3 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d3 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d3 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d4 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d4 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d4 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d5 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d5 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d5 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d6 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d6 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d6 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d7 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d7 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d7 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d8 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d8 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d8 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d9 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d9 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d9 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d10 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d10 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d10 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d11 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d11 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d11 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d12 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d12 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d12 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d13 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d13 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d13 100

swift-ring-builder account.builder add r1z1-127.0.0.1:6002/d14 100

swift-ring-builder container.builder add r1z1-127.0.0.1:6001/d14 100

swift-ring-builder object.builder add r1z1-127.0.0.1:6000/d14 100

swift-ring-builder account.builder rebalance

swift-ring-builder container.builder rebalance

swift-ring-builder object.builder rebalance

156 clear

157 service memcached start

158 cd /etc/swift

159 vim swift.conf

160 vim proxy-server.conf

161 swift-init proxy start

162 vim account-server.conf

163 vim object-server.conf

164 vim container-server.conf

165 swift-init main start

166 mount

167 clear

curl -v -H 'X-Auth-User: admin:admin' -H 'X-Auth-Key: admin' http://localhost:8080/auth/v1.0/

curl -v -H 'X-Storage-Token: AUTH\_tk2c844a033fdd4c22a39af3ace3de5802' "http://127.0.0.1:8080/v1.0/AUTH\_admin"

EC Setup:

cd /etc/swift

vim swift.conf

swift-ring-builder object-2.builder create 4 6 1

swift-ring-builder object-2.builder add r1z1-127.0.0.1:6000/d1 100  
swift-ring-builder object-2.builder add r1z1-127.0.0.1:6000/d2 100  
swift-ring-builder object-2.builder add r1z1-127.0.0.1:6000/d3 100  
swift-ring-builder object-2.builder add r1z1-127.0.0.1:6000/d4 100  
swift-ring-builder object-2.builder add r1z1-127.0.0.1:6000/d5 100  
swift-ring-builder object-2.builder add r1z1-127.0.0.1:6000/d6 100

swift-ring-builder object-2.builder rebalance

swift-init proxy start

swift-init main start