Copy mongo toolkit for toolkit\_devkit/scripts

./upload-toolkit.py mongo.json 10.0.1.10 delphix\_admin landshark

./build-toolkit.py ./src mongo mongo.json

Mongo Install and setup

Su –

Groupadd mongoadmin

Useradd -m -g mongoadmin mongoadmin

Create a /etc/yum.repos.d/mongodb-org-3.6.3.repo file so that you can install MongoDB directly, using yum.

**[mongodb-org-3.6]**

name=MongoDB Repository

baseurl=https://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/3.6/x86\_64/

gpgcheck=1

enabled=1

gpgkey=https://www.mongodb.org/static/pgp/server-3.6.asc

sudo yum install -y mongodb-org

Create mongoadmin user for mongo install

yum install lsof

yum install nfs-utils rpcbind

create directory for Mongo databases

sudo mkdir /data/mongodb

Create keyfiles

openssl rand -base64 741 > mongodb-keyfile

&&

chmod 600 mongodb.keyfile

Create directory for Replica sets

mkdir /data/mongodb/replica1

mkdir /data/mongodb/replica2

mkdir /data/mongodb/replica3

#Create Admin user

Start non secured version of mongo primary instance

mongod --port 27030 --dbpath /data/mongodb/replica1 &

Login to instance

mongo --port 27030

Creating clusteradmin, admin, and readwrite user

use admin

db.createUser({user: "delphix",pwd: "delphix", roles: ["userAdminAnyDatabase", "dbAdminAnyDatabase", "readWriteAnyDatabase" ,"clusterAdmin"]})

exit from console

Start all replica instances:

mongod --port 27030 --fork --keyFile /data/mongodb/mongodb.keyfile --dbpath /data/mongodb/replica1 --replSet employee --smallfiles --oplogSize 128 -logpath /data/mongodb/replica1/mongodb.log -bind\_ip\_all

mongod --port 27031 --fork --keyFile /data/mongodb/mongodb.keyfile --dbpath /data/mongodb/replica2 --replSet employee --smallfiles --oplogSize 128 -logpath /data/mongodb/replica2/mongodb.log -bind\_ip\_all

mongod --port 27032 --fork --keyFile /data/mongodb/mongodb.keyfile --dbpath /data/mongodb/replica3 --replSet employee --smallfiles --oplogSize 128 -logpath /data/mongodb/replica3/mongodb.log -bind\_ip\_all

Login to primary node

mongo -port 27030 -u delphix -p delphix admin

execute rs.initiate() to make it part of a replica set

rs.initiate()

add other nodes to the replica set

rs.add(“Mongo:27031”)

rs.add(“Mongo:27032”)

exit

Coding changes:

1. Added bind\_ip logic
2. savekeyFile had a cp command issue
3. check for valid login to replica set