#!/bin/bash

set -ex

sudo yum module disable -y mysql

sudo yum install -y "https://dev.mysql.com/get/mysql80-community-release-el8-1.noarch.rpm"

sudo yum update -y

sudo setenforce 0

sudo sed -i 's/enforcing/disabled/g' /etc/selinux/config /etc/selinux/config

sudo systemctl stop firewalld || true

sudo systemctl disable firewalld || true

sudo yum install -y mysql-community-server

sudo /bin/systemctl start mysqld

sudo /bin/systemctl enable mysqld

#Mysql secure installation

mysql -u '@@{MYSQL\_USER}@@' <<-EOF

ALTER USER '@@{MYSQL\_USER}@@' IDENTIFIED BY '@@{MYSQL\_PASSWORD}@@';

DELETE FROM mysql.user WHERE User='@@{MYSQL\_USER}@@' AND Host NOT IN ('localhost', '127.0.0.1', '::1');

DELETE FROM mysql.user WHERE User='';

DELETE FROM mysql.db WHERE Db='test' OR Db='test\\_%';

FLUSH PRIVILEGES;

EOF

mysql -u '@@{MYSQL\_USER}@@' -p '@@{MYSQL\_PASSWORD}@@' <<-EOF

CREATE DATABASE '@@{DATABASE\_NAME}@@';

GRANT ALL PRIVILEGES ON '@@{DATABASE\_NAME}@@'.\* TO '@@{MYSQL\_USER}@@'@'%' identified by 'secret';

FLUSH PRIVILEGES;

EOF

##########################################################################################################################################################################  
  
#!/usr/bin/env bash

set -ex

echo $(cat /etc/system-release) || true

if [[ -n '@@{name}@@' ]]; then

\_hostname='@@{name}@@'

else

\_hostname='database'

fi

cat "${\_hostname}" | sudo tee /etc/hostname

echo "\_\_ Updating OS..."

sudo yum -y -q update

# -\*- Mysql installation

# assume CentOS 8.x

# https://dev.mysql.com/doc/refman/8.0/en/linux-installation-yum-repo.html

# sudo yum-config-manager --enable mysql80-community &&

sudo yum install -y "http://repo.mysql.com/mysql80-community-release-el8.rpm" &&

sudo yum module -y disable mysql &&

sudo yum install -y mysql-community-server

sudo systemctl start mysqld

sudo systemctl enable mysqld

#!/usr/bin/env bash

set -ex

# -\*- Mysql secure installation

echo "Altering root password..."

mysql --user=root --connect-expired-password \

--password="$(sudo grep -oP 'temporary password(.\*): \K(\S+)' /var/log/mysqld.log)"<<-EOF

SET GLOBAL validate\_password.policy=LOW;

ALTER user 'root'@'localhost' IDENTIFIED BY '@@{MYSQL\_PASSWORD}@@';

FLUSH PRIVILEGES;

EOF

echo "Creating database and table..."

mysql --user=root --password='@@{MYSQL\_PASSWORD}@@'<<-"EOF"

CREATE DATABASE IF NOT EXISTS @@{database\_name}@@ ;

CREATE TABLE IF NOT EXISTS @@{database\_name}@@.@@{database\_table}@@ ( \

id INT NOT NULL AUTO\_INCREMENT , \

time DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP , \

message VARCHAR(80) NULL DEFAULT NULL , \

PRIMARY KEY (id)) \

ENGINE = InnoDB CHARSET=ascii COLLATE ascii\_general\_ci COMMENT = 'testing';

# create app users and set permissions

FLUSH PRIVILEGES;

CREATE USER 'webapp'@'%' IDENTIFIED WITH mysql\_native\_password BY '@@{MYSQL\_PASSWORD}@@' \

REQUIRE NONE WITH MAX\_QUERIES\_PER\_HOUR 0 MAX\_CONNECTIONS\_PER\_HOUR 0 MAX\_UPDATES\_PER\_HOUR 0 MAX\_USER\_CONNECTIONS 0;

GRANT SELECT, INSERT ON \*.\* TO 'webapp'@'%';

FLUSH PRIVILEGES;

CREATE USER 'webapp'@'localhost' IDENTIFIED WITH mysql\_native\_password BY '@@{MYSQL\_PASSWORD}@@' \

REQUIRE NONE WITH MAX\_QUERIES\_PER\_HOUR 0 MAX\_CONNECTIONS\_PER\_HOUR 0 MAX\_UPDATES\_PER\_HOUR 0 MAX\_USER\_CONNECTIONS 0;

GRANT SELECT, INSERT ON \*.\* TO 'webapp'@'localhost';

FLUSH PRIVILEGES;

EOF