#Vim docker-file

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From centsos <--- base image

MAINTAINER suchit Jadhav suchitjadhav@yahoo.com

RUN wget --no-check-certificate [https://www.python.org/ftp/python/2.7.6/Python-2.7.6.tar.xz && tar xf Python-2.7.6.tar.xz](https://www.python.org/ftp/python/2.7.6/Python-2.7.6.tar.xz%20&&%20tar%20xf%20Python-2.7.6.tar.xz) && cd Python-2.7.6 && ./configure --prefix=/usr/local &&make && make install

RUN yum install –y mongodb

RUN yum install java-1.8.0-openjdk.x86\_64

RUN wget http://www.us.apache.org/dist/tomcat/tomcat-7/v7.0.75/bin/apache-tomcat-7.0.75.tar.gz

RUN tar xzf apache-tomcat-7.0.75.tar.gz

RUN mv apache-tomcat-7.0.75 /usr/local/tomcat7

RUN cd /usr/local/tomcat7

RUN ./bin/startup.sh

#########################################################################

#docker build –t suchitjadhav/app-setup docker-file

In the above command we are creating file using syntax.

#Docker build –t userid/imagename filename

To verify installation, we can open interactive session

#docker run –it suchitjadhav/app-setup bash

#mongo

#Paython -v

docker run –d -p 8080:7080 appsetup

2>Shell script

./run-command.sh ip1,ip2,ip3

#!/bin/bash

IFS=,

set -- $1

echo "Enter command to execute: "

read cmd

for i in "$@"

do

ssh   $i  "$cmd"

done

3>Steps to migrate the website

1. Launch 4 instances on ec2
2. Installed apache, apache tomcat, oracle, Mongodb server
3. Create separate security group for application,DB, webserver
4. Open Db port number for application security group
5. Open application port 8080 for web server security group
6. Take dump from source DB and restore it in aws db server
7. Copy war files or application data to aws server using scp command
8. Create ami for application server
9. Launch auto scaling configuration (min 2, max 4)
10. Attached ELB to autoscaling group (Also define scale in and scale out policy)
11. Set up Monitoring in cloudwatch
12. If dns is in round53 then change ip address to new IP