**Configuration File.**

log\_file=('/opt/jakarta/tomcat-giem/logs/catalina.out' '/var/log/apache/aws/access\_log')

email=sysadmin@jiem.in

word=('registry' 'openssl')

CElog=('/home/ec2-user/tmp/tomcatcurrent-error.log' '/home/ec2-user/tmp/tomcatcurrent-Warning.log')

PElog=('/home/ec2-user/tmp/tomcatprior-error.log' '/home/ec2-user/tmp/tomcatprior-Warning.log')

CElog1=('/home/ec2-user/tmp/Apachecurrent-error.log' '/home/ec2-user/tmp/Apachecurrent-Warning.log')

PElog1=('/home/ec2-user/tmp/Apacheprior-error.log' '/home/ec2-user/tmp/Apacheprior-Warning.log')

Message="Error Message Detected"

**Shell Scripts**

#/bin/bash

# Define variable with Log\_file Location.

Source /home/ec2-user/tmp/errorlog.conf

for ((j=0; j<=1; j++))

do

errors=$(grep –I "${word[j]}" "${log\_file[0]}")

#Copy the error log\_file in current-errors.log

echo "$errors" > "${CElog[j]}"

#if the current error log\_file is same as previous error log file then

if [ -e "${PElog[j]}" ]

then echo "prior-errors.log Exists" > /dev/null

else

touch "${PElog[j]}" | echo "" > "${PElog[j]}"

fi

#Diffentiate the current error log file with previous error log file

newentries=$(diff --suppress-common-lines –u "${PElog[j]}" "${CElog[j]}")

#If new entries not found then

if

test "$newentries" != "" && test "$errors" = ""

then echo "No New Errors" > /dev/null

#If new entries found then

elif test "$newentries" != ""

then

echo -e "Subject:$Message \n\n $newentries" | /usr/sbin/sendmail $email

echo "$errors" > "${PElog[j]}"

fi

for((l=0; l<=1; l++))

do

errors1=$(grep -I "${word[l]}" "${log\_file[1]}")

#Copy the error log\_file in current-errors.log

echo "$errors1" > "${CElog1[l]}"

#if the current error log\_file is same as previous error log file then

if [ -e "${PElog1[l]}" ]

then echo "prior-errors.log Exists" > /dev/null

else

touch "${PElog1[l]}" | echo "" > "${PElog1[l]}"

fi

#Diffentiate the current error log file with previous error log file

newentries1=$(diff --suppress-common-lines –u "${PElog1[l]}" "${CElog1[l]}")

#If new entries not found then

if

test "$newentries1" != "" && test "$errors1" = ""

then echo "No New Errors" > /dev/null

#If new entries found then

elif test "$newentries1" != ""

then

echo -e "Subject:$Message \n\n $newentries1" | /usr/sbin/sendmail $email

echo "$errors1" > "${PElog1[l]}"

fi

done

done