**// Automating OSWatcher Log Capture with oswlogs\_capture.sh**

Monitoring system performance is essential for ensuring stability, especially in production environments. Oracle’s OSWatcher (OSWbb) is a powerful tool that continuously captures vital operating system metrics. However, extracting logs for specific time periods can be cumbersome without a bit of scripting. That’s where the oswlogs\_capture.sh script comes in — offering a simple yet effective way to extract OSWatcher logs for targeted hours within a 24-hour window.

**// What Does oswlogs\_capture.sh do?**

The oswlogs\_capture.sh script enables flexible and selective extraction of OSWatcher archive logs. Instead of parsing through an entire day’s worth of data, this script allows administrators to specify a time range — extracting only the relevant logs and bundling them into a compressed ZIP file for easy access or sharing.

This is particularly useful when analyzing performance issues that occurred within a specific timeframe, allowing for a more focused and efficient troubleshooting process.

**// Script Overview**

cat oswlogs\_capture.sh

#!/bin/bash

#The oswlogs\_capture.h provides flexible scheduling of OSWatcher data collection, enabling you to target specific hours within a 24-hour period for more precise and efficient system monitoring

# $1 timestamp in YY.MM.DD format

# $2 00 through 23 accepted

# $3 00 through 23 accepted

# $4 extract directory of logfiles

# $5 is the OSWatcher Archive Location

hostname=`hostname`

extractdir=$4

mkdir -p $extractdir

rm -f $extractdir/\*zip

date=$(date +%d\_%m\_%y)

for i in $(seq -w $2 $3); do

find $5 -name "$(hostname)\_\*\_$1.${i}00.dat\*" -exec zip $extractdir/osw\_$(hostname -s)\_${date}.zip {} \;

done

**// The script works by:**

Accepting a specific date and hour range.

Searching the OSWatcher archive directory for log files matching that criteria.

Zipping the relevant files into a single archive for easy handling.

**// How to Use the Script**

Below is an example command that extracts logs from April 25, 2025, for the full 24-hour period:

./oswlogs\_capture.sh 25.04.12 00 23 /tmp/osw/12apr /u01/app/oracle.ahf/data/repository/suptools/<<host>>/oswbb/grid/archive

25.04.12 – The log date (in YY.MM.DD format).

00 – Start hour (midnight).

23 – End hour (11 PM).

/tmp/osw/12apr – Output directory where the ZIP file will be stored.

The last argument is the path to the OSWatcher archive logs.

The output will be a compressed ZIP file named something like osw\_<hostname>\_12\_04\_25.zip, containing all log files from the specified range.