**update\_conf.sh**

The following script reads each line of the sig.conf file, modifies the line that matches the specified view, scale, and component name, and then writes the modified lines back to the file.

#!/bin/bash

# Function to validate user input

validate\_input() {

local input=$1

local options=$2

for option in ${options//\// }; do

if [[ "$input" == "$option" ]]; then

return 0

fi

done

return 1

}

# Function to update the sig.conf file

update\_conf\_file() {

local component=$1

local scale=$2

local view=$3

local count=$4

sed -i "/^$view ; $scale ; $component ; ETL ; vdopia-etl=/s/[0-9]\+/$count/" "sig.conf"

}

# Loop until all inputs are valid

while true; do

read -p "Enter Component Name [INGESTOR/JOINER/WRANGLER/VALIDATOR]: " component

validate\_input "$component" "INGESTOR/JOINER/WRANGLER/VALIDATOR" && break

echo "Invalid input."

done

while true; do

read -p "Enter Scale [MID/HIGH/LOW]: " scale

validate\_input "$scale" "MID/HIGH/LOW" && break

echo "Invalid input."

done

while true; do

read -p "Enter View [Auction/Bid]: " view

validate\_input "$view" "Auction/Bid" && break

echo "Invalid input."

done

while true; do

read -p "Enter Count [single digit number]: " count

if [[ "$count" =~ ^[0-9]$ ]]; then

break

else

echo "Invalid input."

fi

done

# Update the conf file

update\_conf\_file "$component" "$scale" "$view" "$count"

echo "File updated successfully."