```bash
#!/bin/bash


# Create the new directory if it doesn't exist

sudo mkdir -p /artifacts_logs


# Find all .log files in the root directory and its subdirectories

find / -name "*.log" -print0 | while IFS= read -r -d '' file; do

    # Use sudo to move the file to the new directory

    sudo mv "$file" /artifacts_logs/

done
```