**Log Monitoring Scripts**

**Introduction**

This repository contains Bash and PowerShell scripts for monitoring log files. The scripts download a log file, search for specific patterns, and create an audit report based on the findings. This README provides instructions on how to run these scripts on your own computer.

**Prerequisites**

* **Bash (for Bash script):** The Bash script requires a Unix-like environment. It should work on macOS and Linux. Windows users can use Git Bash or similar tools.
* **PowerShell (for PowerShell script):** The PowerShell script requires PowerShell to be installed. It is available by default on most Windows systems.
* **Internet Connection:** Both scripts download a log file from the internet. Ensure you have an active internet connection.

**Instructions**

**Bash Script**

1. **Download the Script:**
   * Clone this repository or download the **bash\_script.sh** file to your computer.
2. **Open Terminal:**
   * Navigate to the directory where **bash\_script.sh** is located using the terminal.
3. **Run the Script:**
   * Run the Bash script by executing the following command:

bash bash\_script.sh

1. **Review Output:**
   * The script will process the log file and create an **audit\_rpt.txt** file with the findings.

**PowerShell Script**

1. **Download the Script:**
   * Clone this repository or download the **powershell\_script.ps1** file to your computer.
2. **Open PowerShell:**
   * Launch PowerShell on your system.
3. **Navigate to Script Directory:**
   * Use **cd** command to navigate to the directory where **powershell\_script.ps1** is located.
4. **Set Execution Policy (If Needed):**
   * Depending on your system's security policy, you might need to set the execution policy to run PowerShell scripts. You can do this by running:

Set-ExecutionPolicy RemoteSigned

**Run the Script:**

Run the PowerShell script by executing the following command:

.\powershell\_script.ps1

**Review Output:**

The script will process the log file and create an audit\_rpt.txt file with the findings.