

Bash Scripting Suite for System Maintenance

Abstract: A suite of Bash scripts to automate common Linux system maintenance tasks.

Sample Outputs:

==== backup ===

Creating backup /mnt/data/bash_final_project/backups/backup_2025-11-07_185810.tar.gz from: /mnt/data/bash_final_project/

Backup completed: /mnt/data/bash_final_project/backups/backup_2025-11-07_185810.tar.gz

==== log_monitor ===

Log Monitor Alert:

===== /mnt/data/bash_final_project/demo_logs/auth.log =====

Nov 07 21:44:12 testhost sshd[1234]: Failed password for invalid user admin from 203.0.113.10 port 51234 ssh2

==== report ===

Command '/mnt/data/bash_final_project/scripts/user_disk_report.sh' timed out after 20 seconds