

## RESULTS :

The screenshot shows a terminal window titled "cypervoid@cypervoid: ~/linux-hardening-audit". The window contains the output of a script or tool named "audit.sh".

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Session Actions Edit View Help

===== Linux Hardening Audit Report =====
Audit Time: 2025-12-23 07:02:55.317777
Benchmark Reference: CIS Linux Hardening Guidelines

System Information:
Linux cypervoid 6.12.38+kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.38-1kali1 (2025-08-12) x86_64 GNU/Linux

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----- Audit Findings -----
[FAIL] Firewall Enabled | Severity: High
Recommendation: Enable firewall using: sudo ufw enable

[FAIL] SSH Root Login Disabled | Severity: High
Recommendation: Set PermitRootLogin no in /etc/ssh/sshd_config

[FAIL] SSH Password Authentication Disabled | Severity: Medium
Recommendation: Disable password auth in sshd_config

[PASS] /etc/passwd Permissions | Severity: Low
Recommendation: Correct permissions set

[PASS] /etc/shadow Permissions | Severity: Low
Recommendation: Secure permissions applied

[PASS] TELNET Service Running | Severity: Low
Recommendation: telnet service is not running

[PASS] FTP Service Running | Severity: Low
Recommendation: vsftpd service is not running

[PASS] RSH Service Running | Severity: Low
Recommendation: rsh service is not running

[FAIL] Automatic Updates Enabled | Severity: Medium
Recommendation: Enable unattended-upgrades

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Final Security Score: 33 / 100

Risk Summary:
High Risk Issues: 2
Medium Risk Issues: 2
Low Risk Issues: 0
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