Linux Lab Report

Author: kate | **Host:** kate-VMware-Virtual-Platform

Date: 2025-10-19 19:17 | **Version:** v1.1

Total Commands: 348 | **Unique:** 80

▼ 📚 Summary

Completing all 20 Linux assignments has significantly enhanced my understanding and practical skills in Linux system administration. This automation demonstrates mastery of system analysis, scripting, reporting, and network configuration.

- Built automated reporting workflow (Markdown → HTML → PDF).
- Configured **msmtp** for secure Strato email dispatch.
- Installed **Pandoc** and **wkhtmltopdf** for document exports.
- Integrated screenshot handling and command statistics.
- Implemented version tracking and feedback capture.

▼ Achievements Summary

Since installing the Linux VM environment, the following milestones have been completed:

- Installed **Pandoc** and **wkhtmltopdf** for exporting documentation.
- Configured **msmtp** for Strato SMTP email integration.
- Built **docs-engine** structure with templates and automation scripts.
- Created **lab.sh** for full system analysis and report generation.
- Developed **master_parts.md** with all 20 Linux lab exercises.
- Automated HTML and PDF report generation with statistics and feedback.

Command Statistics:
Total Commands: 348
Unique Commands: 80
HTML Reports: 6
PDF Reports: 5

> *"From setup to automation – this project demonstrates complete Linux mastery."*

▶ Mentor Feedback