Migration Proposal Presentation

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AGENDA

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BENEFITS OF LINUX

Addressing challenges such as security vulnerabilities, high licensing fees, and the rigidities often associated with Windows.

❖Enhanced Security

❖Cost Efficiency

❖Customizable

❖Performance Gains

RECOMMENDED DISTRIBUTION

Ubuntu LTS (Long-Term Support)

Features	Description
Stability & Support	5-Years of security updates
User-Friendly Interface	GNOME
Cybersecurity Tools	UFW Firewall and OpenSSH

PROJECT REQUIREMENTS

MIGRATION STEPS

I. ASSESSMENT
II. BACKUP
III. SOFTWARE REPLACEMENT
IV. DEPLOYMENT
V. USER TRAINING
VI. TESTING & ROLLOUT

RECOMMENDED GRAPHICAL INTERFACES
- ➤ GNOME/KDE PLASMA
- ➤ ZORIN OS (UBUNTU BASED)

SPECS OF REQUIRED TECHNOLOGIES

Server Tools

Features	Description
Samba	File sharing with Windows via SMB/CIFS
CUPS	Print management with driverless printing
Apache/Nginx	Web hosting & reverse proxy
SSH/SCP	Secure remote server access & FT

SUMMARY

Migrating to Linux offers enhanced security, cost savings, and better performance, with Ubuntu LTS being the ideal choice for its stability and user-friendly interface. The migration involves assessing hardware, backing up data, switching to compatible software, and training users. Linux tools like Samba, CUPS, and Apache/Nginx support server functions, making it a solid alternative to Windows.

REFERNCES

- Greg Gagne, Peter Baer Galvin, & Abraham Silberschatz. (2010). *Operating System Concepts Essentials*. Wiley.

- Ubuntu. (2023). Ubuntu 22.04 LTS.

  https://ubuntu.com