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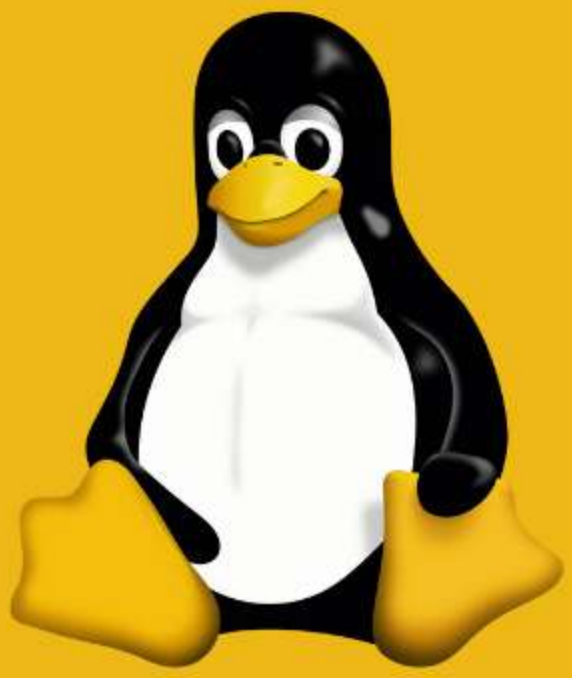
Essential Linux Commands for Cybersecurity



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Network Scanning & Monitoring

- **nmap <target>:** *Scan a network for open ports and services.*

- **netstat -tuln:** *List all listening ports and associated services.*

- **tcpdump -i <interface>:** *Capture network traffic on a specific interface.*

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File Permissions & Security

- **chmod 700 <file>:** *Set strict file permissions (owner access only).*

- **chown user:** group <file>: *Change file ownership.*

- **lsattr:** *List file attributes to check for immutability.*

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Firewall Management

- ***ufw status:*** *Check firewall status.*

- ***ufw allow <port>:*** *Allow traffic on a specific port.*

- ***iptables -L:*** *View active firewall rules.*

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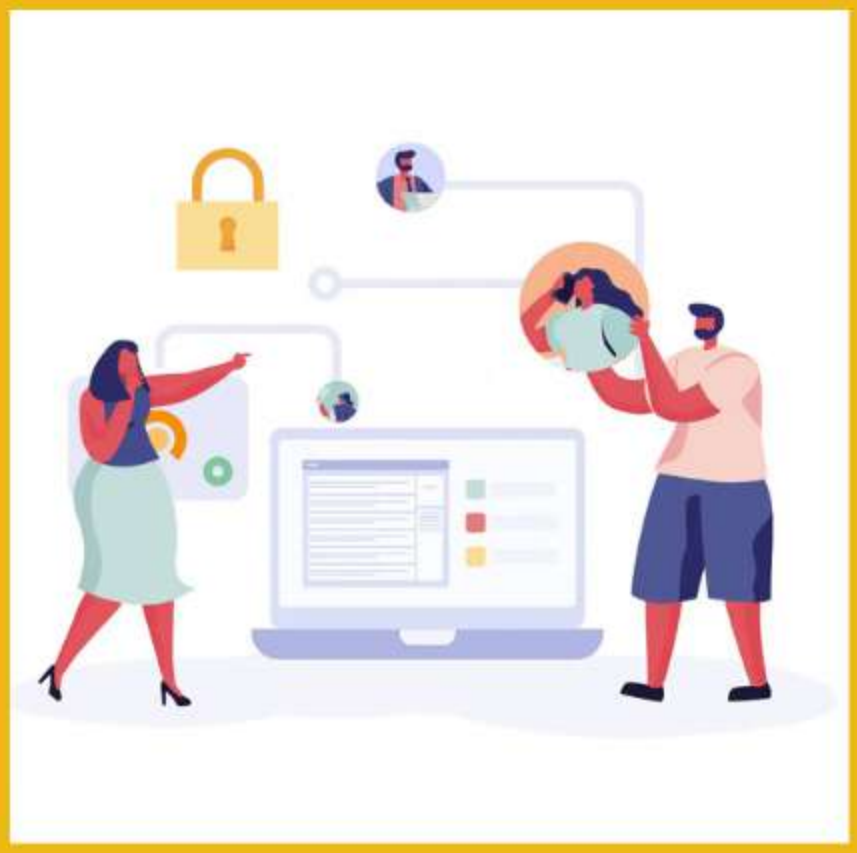
User Management



- **who:** *Show logged-in users.*
- **lastlog:** *View the last login of all users.*
- **sudo visudo:** *Securely edit the sudoers file*.