DIMAS REFALDY

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SUMMARY

Highly motivated and self-taught System Administrator passionate about Linux, networks, and automation. Proven ability to apply technical knowledge through building and managing a comprehensive home lab with multiple VMs and containers. Possesses a strong foundation in troubleshooting, scripting, and system security, eager to contribute and grow within a professional IT environment.

SKILLS

Operating Systems: Linux (Debian, Ubuntu), Windows

System Administration: Virtualization (KVM, Proxmox), Apache, Nginx, Git

Automation & Scripting: Bash, Ansible, Cron

Networking Fundamentals: TCP/IP, DNS, DHCP, Firewall Configuration (UFW)

Monitoring: Prometheus, Grafana

Security: SSH Security, Basic System Hardening

Productivity Tools: Google Workspace

PROJECT

Home Lab using VirtualBox

- Established a robust home lab environment using VirtualBox to simulate enterprise IT infrastructure, deploying multiple Linux virtual machines.
- Gained hands-on experience by managing VM installations, configuring user accounts and permissions, implementing package and service management, and applying foundational security policies (e.g., firewall rules, SSH hardening).

Server Automation with Ansible

- Developed and implemented Ansible playbooks to automate routine server provisioning and update processes, significantly reducing manual configuration time.
- Streamlined system setup by managing user accounts, installing essential software packages, and configuring critical services using modular, reusable YAML-based roles for consistent deployments.

Monitoring Server with Grafana + Prometheus

- Designed and deployed a comprehensive monitoring solution using Prometheus to collect critical system metrics and Grafana for intuitive, real-time visualization dashboards.
- Proactively enhanced system reliability by configuring automated alert rules for CPU, memory, and disk utilization, integrating email notifications for prompt issue detection and resolution.

Rsync + Cron Backup Automation

- Engineered and implemented a robust, automated daily file backup solution utilizing rsync over SSH to securely transfer data to a remote server.
- Ensured data integrity and reliability by configuring scheduled cron jobs with detailed logging and integrated integrity checks, minimizing potential data loss with logging and integrity checks for backup reliability.

EDUCATION

SMAN 1 Haurgeulis, Indramayu 2022 - 2025
Study Mathematics and Natural Sciences, GPA: 93

LANGUAGE

- Bahasa Indonesia (Native)
- English (Intermediate)