

KEVIN TSAFACK

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GitHub: <https://github.com/8Ten10> | [LinkedIn](#)

PROFESSIONAL SUMMARY

I am a RHCE and RHCSA who possess a wide range of skills in server installation, configuration, upgrading and maintenance. I have years of experience working with different platforms, including various Linux distributions, and Windows. I have proven track record in provisioning and managing fault-tolerant and scalable IT infrastructures be it on premise or in the cloud. I demonstrated proficiency in a wide range of automation and scripting language and tools such as Bash, Ansible, python, GitHub Action. I am committed to finding innovative solutions to a variety of IT problems, such as security, monitoring and technical troubleshooting. I always strive to improve through projects and continuous education.

EXPERIENCE

JACOBS: System Administrator, 2019-present

- Implemented fully automated and unattended deployment of Windows hosts with PowerShell script, WDS and MDT
- Implemented Network segmentation through subnetting and VLANs to strengthen security (defense in depth), Improve network performance and monitoring.
- Maintained the monitoring and alerting policy and procedures documentation in collaboration with the InfoSec team.
- Developed custom automation tools in Python and Bash to simplify administrative tasks.
- Generated and deployed SSL certificates using OpenSSL for web applications (Nginx, TrueNAS, ESXI, Pfsense, Iredmail) to improve security on the Network
- Scanned servers and VMs using Qualys for vulnerabilities and generate reports.
- Deployed, configured VMware ESXI to host Servers, and Vcenter to manage clusters and nodes
- Implemented Network ACL rules on Pfsense Firewall to better control and manage Network
- Managed OU, Applying GPOs to sites, OUs, and Local computers
- Deployed Active Directory DS role on Windows Server 2022, Implementing failover for the domain controller, DHCP server, and DNS server by deploying and promoting a second domain controller for replication
- Deployed ISCSI target for backups and SMB file server for domain users

PROJECTS: All my projects are hosted on my GitHub repository <https://github.com/8Ten10>

- Built and automated the deployment of a containerized web application on a VPC (Digital Ocean droplet) using Ansible playbooks.
- Configured GitHub Action to automatically update my web application after a commit and push from my repository.
- Designed a complete network system (Subnetting, VLAN), implemented the infrastructure (Servers and Clients on premise) and security (Firewall, IDS Security Onion).
- Creating, deploying, and managing personal website using HTML5 and CSS <https://kevintsafack.live>
- Provisioned DHCP, DNS, FTP, NFS and VPN servers on my virtual infrastructure.
- Managed local disks in a traditional way (Gdisk, Fdisk) and using LVM (VG, PV, LV)
- Automated the deployment and configuration of LEMP and LAMP stack (RHEL, Nginx, Apache, MySQL-MariaDB, PHP) with Ansible on my servers.

VOLUNTEER, Project Reboot, Providing computers to low-income residents, Washington DC Area, 2017-2020

- Assembled and disassembled Desktops and Laptops (HP, Dell, Lenovo, Acer, ...) for refurbishment purpose
- Suggested and Implemented MDT to automate Windows 10 deployment, reducing workload, and received praises from management
- Deployed Windows 10 on various computers through Microsoft Deployment Toolkit (MDT)
- Performed various software and patches installations

EDUCATION AND CERTIFICATIONS

Red Hat Certified Engineer (RHCE), May 2023 <https://rhtapps.redhat.com/verify?certId=230-052-730>

Red Hat Certified System Administrator (RHCSA), May 2023 <https://rhtapps.redhat.com/verify?certId=230-052-730>

CompTIA Security+ CE, May 2022

<https://www.certmetrics.com/comptia/public/verification.aspx?code=7BSX6HBVN7P0VBWG>

AAS Cyber security, Montgomery College, Maryland

Course Work: Incidence Response, Defending the network, Wireless Security, Unix/Linux System Administration, Cisco Networking, Digital Forensics, Network Security, Python Programming

SKILLS

- Platform:** Linux (RHEL, Ubuntu), Windows (Workstations, Servers), MacOS, Android, AOSP, IOS, Hypervisor (VMware Sphere, Proxmox, KVM)
- Networking:** TCP/IP, LAN, DNS, DHCP, Routers, OSI, Subnetting, Switches
- Hardware:** Desktops, Laptops, iPhones, Android phones, Scanners, Printers, Monitors
- Applications:** Bash, Vim, Vscod, Git, GitHub, Git Action, SSH, SeLinux, Docker container, Ansible, Podman, Apache, Nginx, Microsoft Office Suite, CloneZilla, Microsoft Windows Server, Active Directory, TeamViewer, Office 365, Carbon Copy Cloner, VMWare ESXI, Microsoft Deployment Toolkit, Acronis True Image, Google Suite, Nmap, Wireshark, LVM, script, Veeam
- Other:** Technical troubleshooting, End user training, Security backup and recovery solutions, Technical Documentation, Bilingual (English, French)