

# Adrian Paul Vamos

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<https://paulnetwork.org>

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## Summary

I love everything about Computers and technology. At the age of 13, I started programming in Qbasic and pascal, 3 years later I was installing/fixing computers and networks at Internet Cafes! Linux is my favorite Operating System, love its stability. I always search to learn new skills to improve my knowledge and share them with others, I'm active on Reddit and GitHub! I can build a network from scratch: list of necessary equipment, network infrastructure, hardware, operating system, software installation, routing, DNS services, firewalls...

I'm passionate about the Cloud, Kubernetes, and automation software like Terraform and Ansible. There is nothing I can't learn or fix, I'm always evolving.

\* Out-of-the-box thinker

\* Self-learner

\* Self-motivated

\* High level of confidentiality.

If you want to know more about me and What I do outside of work, check out my website

<https://paulnetwork.org>

## Experience

### Infrastructure & Linux System Engineer

#### Bento - Intellectually Curious

Dec 2022 - Present (1 year 2 months +)

- installing hardware/software needed for network infrastructure/production for clients
- install/configure HPE DL380 Gen10 and Synergy 12000 Servers
- install/configure HPE storage Systems MSA2060, Alletra 6000 , Storeonce
- install/configure VxBlock 1000 : Cisco UCS , Unity & Powerstore Dell Storage Systems
- install/configure Dell Networker Backup System
- execute FAT for clients to show that equipments meets its intended purpose
- VMWare Esxi 8.0 + vCenter 8.0 installation, check out my own environment -> <https://paulnetwork.org/projects/vmware/>
- VMWare upgrades using GUI or CLI
- updates on HPE Servers using SUM&SUT
- Terraform automation for VM deployment/Kubernetes Clusters on VMWare & Azure
- use of Ansible for management,configuration and software installation -> <https://github.com/paulnetwork-org/ansible/>
- deploy,configure and maintain Linux Operating Systems
- linux software installation and provisioning required for microservices
- install/configure mysql/replication
- linux scripting and debugging
- linux update/upgrade using external or local repository ( Ubuntu repository,Redhat Satellite )
- install/configure monitoring solutions & alerts : Zabbix , NagiosXI , Prometheus & Grafana
- install nginx/nginx-plus/openresty as webserver or reverse proxy for microservices
- install audit log collector & cortex antivirus
- provide second-level technical support to resolve complex issues escalated from the L1 Helpdesk
- solving problems 😊

## Infrastructure & Linux System Engineer

### VAP DATABASE

Jun 2018 - Present (4 years 7 months)

- installing hardware/software needed for network infrastructure
- installing Linux Operating System on Servers (Dell Poweredge ,Supermicro Servers)
- Linux software installations and updates
- Firewall configuration, Linux iptables, Cisco ASA
- IP Routing on Cisco Routers and Switches
- Routing Protocols: BGP,OSPF, Eigrp
- redundancy solutions for network infrastructure
- Network Troubleshooting: ping, traceroute, tcpdump, Wireshark, SolarWinds
- Daily operation of LAN/WLAN
- setting up IOT devices : Laptops, Smartphones, IP CCTV
- installation of VMWare vSphere: Esxi Hypervisor + VCenter + DNS Server on bare metal servers
- use of Docker container tool: Build, Run, Push and Pull
- install/configure NFS or any other file sharing service
- install/configure MySQL/MariaDB instances in replication
- use of Ansible for configuration, management,and updates
- automation using Terraform to create VM's or to deploy Kubernetes Clusters on Local Hypervisor or Cloud Platforms like Linode,Azure,AWS -> <https://github.com/paulnetwork-org/terraform/>
- deployment of Prometheus with Grafana for monitoring and deployment of Elasticsearch with Kibana for log analytics -> <https://paulnetwork.org/projects/cloud-terraform-automation/>
- use of Keepalived daemon for Nginx, HAProxy load balancers used for applications high availability -> <https://paulnetwork.org/projects/keepalived/>
- understand, edit and use any kind of scripting: bash,shell,Perl,Python,Ruby,YAML using VS Code or any editing tools on Linux (vi,nano,pico)

## Certifications & Badges



**Juniper Networks Certified Associate, Junos (JNCIA-Junos) - Juniper Networks**



**Python Essentials – Cisco**



**Network Defense – Cisco**



**Cybersecurity – Cisco**



**Networking Basics – Cisco**



**AWS Educate Getting Started with Storage - Amazon Web Services (AWS)**

## Education



**Spiru Haret University from Bucharest**

Licence degree : Management

2020 - 2023

## Languages

Romanian • English • German

## Skills

IP Addressing • Subnetting • Firewalls • Juniper Network Devices • Cisco Routers and Switches • Routing Protocols • VPN • Domain Name Services (DNS) • Linux System Administration • Linux Firewalls • VMware • Kubernetes • Terraform • Ansible • Prometheus • Elasticsearch • Microsoft Azure • Amazon Web Services (AWS) • Google Cloud Platform (GCP) • MySQL • MariaDB • NFS • Web Analytics • Scripting • Powershell • Wordpress • Apache • Nginx • Haproxy • Keepalived