ROBERT MELCHER

System Administrator

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📍 Giroc, TM

🔗 https://www.merox.dev

SUMMARY

Hello! I'm Robert Melcher, system administrator and former cybersecurity engineer. Being passioned by this area of IT, my daily goal is to become better than I was yesterday. Focused on tehnology used or derivated by linux, networking and security.

www.merox.dev - hosted on GitHub Pages (CI + Cloudflare)

EXPERIENCE

System Administrator

Netex Romania S.R.L.

📅 04/2018 - 06/2020   📍 Timisoara, TM

Netex Romania is a multinational company with headquarter in Timisoara, they provision of Customer Relations services in Europe.

- Oversaw file system, storage and other digital asset upgrades while safeguarding data integrity and redundancy. (BAREOS)
- Provided comprehensive training to internal and off-site users to optimize systems maintenance and resolve recurring issues
- Patching and troubleshooting on NetexOS (debian flavour developed by our IT team, automated through Puppet)
- Patching and torubleshooting on Netex servers (based on Debian or CentOS)
- Mount and configure servers(HP, Dell), switches(CISCO) in datacenter
- XEN hypervisor installation and Docker integration for developer team
- Maintained and migrated Puppet from bare metal to K8S cluster
- Managed VOIP system based on Asterisk and CISCO phones
- Network configurations on CISCO switches
- Network configurations for routers based on linux servers with StrongSwan for IPsec (site-to-site connection)
- Script to reboot via telnet the CISCO phones (wrote in python)
- Script to send mail 2 weeks before CA of ipsec tunnel expires (wrote in bash)

Cyber Security Engineer

Atos It Solutions

📅 07/2020 - 03/2022   📍 Timisoara, TM

Atos is the global leader in secure and decarbonized digital with a range of market-leading digital solutions along with consultancy services, digital security and decarbonization offerings; an end-to-end partnership approach.

- Performed risk and vulnerability assessments and provided results and recommendations to senior management (NESSUS)
- Recommend improvements in security systems and procedures. Migrating and creating policy rules for Windows10 end users (3 months project) (Forescout)
- Firewall rule implementation on next gen firewalls like (CISCO, Fortinet, PaloAlto, Juniper)
- Proxy rule implementation on McAfee or SQUID
- Troubleshooting of firewall/proxy rules and rules cleanup
- Monitored use of data files and regulated access to protect secure information (Cyberark)

SKILLS

Penetration testing   Patching   Firewalls

Troubleshooting   Networking   Linux

Virtualization   Docker   Hosting

STRENGTHS

🛠 **Neat & Tidy**

When I configure systems, come up with solutions, or do any work, I try to be as neat and tidy as possible. By doing so I ensure that others will be able to work on the system in the future.

🎯 **Quick but Precise**

Always trying my best to finish the work as soon as possible and get everyone back to work.

💬 **Communicative**

Not too quick to draw any conclusions. I take my time and try to pinpoint the problem with the right questions.

⭐ **Passions**

*Travel
*Photography
*Linux
*Networking and Security

PASSIONS

💎 **Career Interest / Passion**

LANGUAGES

Language
Beginner

● ○ ○ ○ ○

EXPERIENCE

System Administrator
Forvia

📅 03/2022 - Present   📍 Giarmata, TM

FORVIA provides solutions for a safe, sustainable, advanced and customized mobility. Composed of 6 business groups with 24 product lines, FORVIA comprises the complementary technology and industrial strengths of Faurecia and HELLA.

- Maintenance for Windows and Linux servers
- Integrate ActiveDirectory and SALT minnions on linux servers
- Virtual servers management with ManageIQ
- Network management with VitalQIP
- Patching Windows servers with Control-M

Founder
Dolphost

📅 2022 - 2024   📍 Location

Webhosting and Domains

- Creatinge websites based on wordpress
- Maintanance and selling VPS/Webhosting services
- Domain reselling
- Install and configure tehnologies like WHMCS or cPanel
- Highlight your accomplishments, using numbers if possible.

PROJECTS

HOMELAB

📅 2021 - Present   📍 Giroc,TM

Heartbeat of my homelab is a DELL server (2 x Intel OCTA Core Xeon E5-2667 v3 3.20 GHz, 20MB Cache; 64 GB RAM; 2 × 2TB - SSD Samsung 870 EVO).
The lab use Proxmox as hypervisor and it's already running 7 VMs and 3 containers.
(Some tehnologies on the server: Ansible, Teleport, Portainer, Nextcloud, GNS3, etc.)

- Configure hardware RAID (level 1) on the server
- Proxmox installation
- VMs configuration based on linux (centos, debian, arch, gentoo) and Windows (Windows server 2016, Windows 10, Windows 98)
- Vlan, WAF and Firewall configuration for my home network with Netgate firewall (running pFsense)
- Portainer for easily management of Docker environments.
- 2 x DNS server, one on a VM and another one onRaspberryPI, configured with keepalived for redundancy
- QoS configured on TP-Link router for Projects, Movies and Gaming
- Webhooks integrated with Alexa Voice Assistant and Wake On Lan.
- UP TO DATE DETAILS ON WWW.MEROX.DEV/Laboratory

Merox IT Consulting S.R.L.

📅 07/2022 - Present   📍 www.dolphost.ro

Domains, webhosting and website creation platform

- Webhosting
- Domain registration
- Maintenance
- Website creation
- Virtual Private Server

ACHIEVEMENTS

🔗 **Cisco Certified Network Associate**
   Certificate verification number: NJXWKRFD7D1EQ7C0

EDUCATION

Computer Science (suspended)
West University of Tiimisoara

📅 2016 - 2018   📍 Timisoara, TM