Abdallah Atef Eid

DevOps Engineer

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OVERVIEW

I'm a self-taught Linux and Microsoft system administrator, I emulated (using GNS3) a company's network infrastructure, the company has multiple branches over the country with security system of it, I used firewalls: Sophos, FortiGate and ASA of Cisco, OSes: Linux and windows for servers (AC), I used some real PCs to simulate the network system and used OSSIM as a swim solution from AlienVault.
I used Nmap tool as an asset discovery tool alongside to OSSIM
Now I am working on AWS and launching apps on it to gain experience I launched an app and now working on another.
Finally, I created domain environment for a company with +150 device using (servers of Linux and windows).

EXPERIENCE

IT Officer at Third Army HQ – Suez

2022 – 2023

Responsibilities:

- Maintaining the servers of the 3rd Army System that I have configured. The system's network consists of AD, File Server, Syslog Server and OSSIM (SEIM solution), backup server and Kaspersky server.

Projects

Emulating a network system for a company with more than a branch

The network system was for more than a branch over the country and multiple buildings on the same site, The main idea is to connect all buildings and sites together and control who can communicate with whom?
The project covered the following topics:

- Used Active Directory Domain Controller for user authentication and group policy.
- For security: I used Sophos firewall with the gateway router and applied policies per user to control who can access what on the I internet like sales have access to social media websites and so on,
- Preventing access from sales team to HR team and vice versa by implementing VLAN technology on Cisco switches,
- Implementing redundancy concept using VRRP (Virtual Router Redundancy Protocol)
- Availability in the way of how network was built

Launching application on AWS:
For training and gaining experience I launched a simple application for films and series on AWS using:

- VPC
- EC2 instances
- Docker, Jenkins, Grafana, Prometheus, and other tools for monitoring.
- and all other services that the was necessary project my LinkedIn profile and on GitHub as /DevOpsNetflix
- also, I launched it using EKS..

EDUCATION

Bachelors in computer and communication Engineering
Banha Faculty of Engineering
From 2017 To 2021   Good

- I have studied Algorithms – Data structures – Microcontroller – Microprocessor – Embedded systems – Hardware design – C/C++ – OOP – Operating System – MATLAB – Computer Networking (CCNA) etc...
- My graduation project was an emulation of a company network, that I have previously mentioned in the projects section (Grade: Excellent).

Amit Course – Linux administration

Form Oct 2020 to Oct 2020

Abeer Hosni, (CCNA 200 – 301) online course

From Oct 2020 to Jan 2021

Abeer Hosni, MCSA offline course
Form May 2022 to Jun 2022

Nakerah Network, Ethical Hacking, offline course
Form Oct 2022 to Nov 2022

Fawry company, DevOps Intern
Form Oct 2023 to Present

SKILLS

- Experience with red hat Linux.
- Troubleshooting network on OS level
- Python for networking
- AWS

- C / C++
- Java beginner for android
- CCNA 200–301
- Terraform
- Kubernetes
- Docker
- Bash scripting.

Student Activities

Logistics team member at IEEE – Banha

From 2016 To 2021

- Each summer, I participate in an event to teach Arduino to people from the age of 7 years old to 22.
- Several small events over the year.

SOFT SKILLS

- **Participative**: bring energy, passion and hands on approach to work. Flourishing in an environment where I can learn from experience gained in role.
- **Composed**: Stays calm under pressure and not easily upset by setbacks. I can approach challenging work with positivity and am not easily upset by setbacks.
- **Multi-tasking**: Able to work across a broad range of tasks without compromising quality of work or outcomes required.
- **Deductive Reasoning**: Enjoy solving complex problems, often with insufficient information. I can navigate through ambiguity and maintain commercial objectives of my role.
- **Focused**: Able to apply high levels of concentration to relevant projects and tasks. Not easily distracted and able to stay focused on the meaningful tasks at hand.