

HAMOUDA ELBAYOMI

Network, Systems, Security & Infra. Engineer

Address: 11 Les Oliviers St – France Ville – ELOMRANE Tunis – Tunisia

Mobile : +216 28 609 939

E-mail : hamouda_alex@hotmail.com & hamouda.alex@gmail.com



EDUCATION:

1998 Bachelor of Computer Science Degree: Very Good

Training Courses and Certifications:

- **Network:** CCNA – CCNP – Huawei HCNA – Cisco WIFI (Access Point – Controller)– VOIP
- **System :** MCSE – Linux (RedHat/CentOS/Suse/Ubuntu) - UNIX SUN Solaris
- **Security:** Fortinet NSE4 – Huawei HCIA Security - SOPHOS - WatchGuard
- **Cybersecurity:** EC-Conseil CND (Certified Network Defender) – CEH v12 (Certified Ethical Hacker)
- **Endpoint Antivirus:** Kaspersky – Sophos – FortiEDR - Trend Micro Deep Security Manager
- **Virtualization:** VMware VCP-DCV – Windows HyperV – Citrix
- **Infra :** Lenovo – Fujitsu – HP – DELL– Huawei
- **Backup Solutions:** Veeam Backup – Veritas Backup Exec – IBM Spectrum
- **Cloud:** Azure – AWS
- **Scripting:** Ansible – Python
- **Problem tracking solutions:** JIRA – GLP – HELIX IT SERVICE MANAGEMENT

WORK EXPERIENCE:

Dec 2023 Till now

Capgemini Engineering

System Consultant Senior

- Responsible for client IT park (Infra – 2000 VMs windows and Linux – 250 Physical servers HP – DELL Storage Isilon – VMware).
- Control the users access (GPO - NIS).
- Configure the new VM, physical server and the new user.
- Upgrade the Linux OS (6 & 7 to 8) – manage the client needs and resolve L2 & L3 problems
- Zabbix monitoring solution - IPAM solution – iTop solution - HELIX IT SERVICE MANAGEMENT - Trend Micro Deep Security Manager

Jan 2023 Nov 2023

VERMEG

Solution Architect

- Lead the end-to-end solution architecture process, from requirements gathering to design, implementation, and deployment.
- Work closely with clients and stakeholders to understand their business goals, technical needs, and challenges, translating them into well-architected solutions.
- Design and document comprehensive solution architectures that encompass hardware, software, security, scalability, performance, and integration aspects.
- Provide technical leadership and guidance to development teams, ensuring that architectural decisions are followed throughout the development lifecycle.

Aug.2018 – Dec 2022

BITS Information's Technology Company in Tunis

Technical Manager

- Installing & configuring all infrastructure equipment's and environments (network, security, monitoring, servers, storage, backup), deployment, support, maintenance in operational condition of systems - services: helpdesk, outsourcing, supervision, administration, operation of information systems.
- **Project Manager with the Ministry of Health**: implementation and configuration 25 platforms every platform consists of (2 servers Fujitsu RX2530M5 – CISCO 9300 – Storage DX200 S5 –Fortigate100 F).
 - preparing the Project documentation LLD/HLD.
 - installing and configuration VMware cluster (ESXI 7.1 – VCenter – HA).
- **Project Manager with Group JOOSSOOR**: implementation and configuration HCI platform (3 servers Fujitsu RX2540M5 – 2 CISCO switch's 9300).
 - Installing and configuring HCI VMware (ESXI 7.1 – VCenter – VSAN – DRS).
- **Project with the Ministry of Agriculture** implementation and configuration for two Platforms Huawei (Switch's S1700 – Fiber Switch SNS2124 – Chassis Blade E9000 " 9 Servers Blades" – storage array OceanStor S2600T-RAID 5,6 – installation backup solution BackupExec- wind. 2012 R2 – Linux CentOS).
- **Project with the Ministry of Energy** implementation and configuration 3 platforms (Switch's HP – 2 servers Fujitsu RX2520 M4 – Storage Fujitsu Eternus DX60 S4 – RAID 5,10) Linux SUSE 12
- **Project Manager with Ministry of Social Affairs** implementation and configuration for five Platforms of Fujitsu HCI (Hyperconverged of 3 server's blades – VMware 7 – VSAN – VRealize)

Mai 2017 – Aug.2018

LOGIN AFRICA Information Systems Company in Tunis

Network and Security Engineer

- Installation and configuration of network equipment (Routers - Switches (2960 - 3750 - 4500) -2504 Wireless Controller and access point)
- Administration of the Windows domain of the computer park
- Contribution to the project of modification the Nestlé Data Center infrastructure
- Contribution to the project of setting up 4 Firewalls ASA & FIREPOWER for **NXO (France)** "Configuration and administration of CISCO firewalls (2 ASA NG 4110 – 2 Firepower FP 2130)"

Jan. 2016 – Avr. 2017

Ghatwary Medical Supply Medical Company In Alexandria

IT Manager

- Leader of teamwork
- Technical support for more than 100 users in 5 Branch's
- Design and Implementation all types of Networks (wire / wireless) and Security Systems
- Implementation and configure Hardware Devices (PC'S, Laptops and Printers) operating system (windows 7/8/10 – windows server 03/08/2012 R2)
- Control Microtick Firewall Server

Feb. 2015 – Jan. 2016

Microlab Solutions (MLS) Technical Support Company in Alexandria

IT Technical Support and Maintenance Manager

- Leader of teamwork
- Technical support for 30 companies
- Design and Implementation all types of Networks (wired / wireless)
- Configure and install all types of PC'S and Laptops hardware, software and operating system (win 7/8/10 – wind server 03/08/12)
- Linux server Redhat - Centos
- Train network users about how to solve existing system problems
- Monitor network performance to determine whether adjustments need to be made, and to determine where changes will need to be made in the future

Feb. 2012 – Feb. 2015

New Pharma Stores “N.P. S” Medical Company In Alexandria

Regional IT

- Control the company network (7 Branches).
- Configure CISCO Routers, 3COM Switches and Windows Servers (Active Directory – DNS).
- Diagnose, Troubleshoot, and Resolve hardware, software, or other network and system problems, and replace defective components when necessary
- Perform data backups and disaster recovery operations VEEAM
- Maintain and Administer computer networks and related computing environments including computer hardware, systems software, applications software

Sep 2008 – Jan. 2012

Victory College School in Alexandria

Network Administrator

- IT Responsible
- Maintain and Administer computer networks and related computing environments including computer hardware, systems software, applications software, and all configurations.
- Responsible for the maintenance and security of the computer network, including hardware and software. This includes the deployment, configuration, maintenance and monitoring of the network hardware and software.

COMPUTER SKILLS:

- ☐ CISCO Collaboration (VOIP) (SIP, SCCP) - Cisco Call Manager Express – Voice Gateway – CUCM v10
- ☐ Installation and configuration F5 Big IP Load Balancer
- ☐ Installation and configuration HUAWEI equipment's (Router – Switch – Firewall – Access Point)
- ☐ Installation and configuration CISCO equipment's (Switch – Router - Access Point - WIFI Controller - Firewall)
- ☐ Installation and configuration Firewall's (Fortinet – Huawei – WatchGuard – Clavister - ASA & Firepower – Sophos)
- ☐ Installation and configuration VEEAM Backup solution and BackupExec
- ☐ configuration CISCO, HP, SMC, Data-Link, TP-Link, Fortiswitch, Huawei and ARUBA switches
- ☐ Installation and configuration Hyper-V platform
- ☐ Installation and configuration VMware platform (ESXI – Vcenter – NSX – VSAN – Vrealize) Cluster (HA – DRS)
- ☐ Network LAN and WAN
- ☐ Installation and configuration Linux RedHat – CentOS server – Ubuntu server
- ☐ Installation and configuration Unix Solaris server
- ☐ Internet connection (Leased line and Frame Relay)
- ☐ General knowledge of mobile telecommunication networks, Unified Communication and Videoconferencing
- ☐ Routing Protocols (EIGRP, OSPF, RIP, IS-IS, BGP, HSRP, VRRP, GLBP)
- ☐ Switching CISCO (VLAN, PVLAN, LOAD BALANCING)
- ☐ QoS (QOS) Quality of Services for the voice and video conferencing
- ☐ Network Security CISCO (ASA-VPN- AAA Server-MPLS) - Fortinet firewall
- ☐ Utilities : DNS, DHCP, GPO, WSUS, DynDNS, IIS, VNC, Images Ghost, RAID, etc.
- ☐ Tshoot (CISCO): Network Troubleshooting
- ☐ Windows Systems (WINDOWS XP / 7 / 8 / 10 / 11)
- ☐ Planification, installation and administration the Windows domains win server 2003/2008/2012/2016/2019/2022
- ☐ Installing and Deployment Microsoft Office 2003/2007/2010/2013/2016/2019/365, Visio, Adobe, etc.
- ☐ Exchange server 2010 - Manage mail hostage with C panel ☐ Manage IIS 7 with web application
- ☐ Installation, maintenance and configuration the DVR cam system & Fingerprint with TCP/IP.
- ☐ COBOL, Basic, Visual Basic, C & C++, Pascal

LANGUAGES:

- ❖ Arabic ★★★★★
- ❖ English ★★★★★
- ❖ French ★★★★★