

CHOUKI REDA

NETWORK & SECURITY ENGINEER



📍 Salé-Rabat, Maroc

☎ +212 681394808

✉ redachouki99@gmail.com

🌐 /Reda chouki

👤 ABOUT ME

Engineer specialized in network and rsecurity with over 2 years of professional experience. Motivated, proactive, and equipped with strong analytical and synthesis skills, ready to take on new challenges in a professional adventure.

🧰 PROFESSIONAL EXPERIENCE

May 2025 – Present | INDRA, Rabat

Network & Security Engineer

- Administration of secure infrastructures on Checkpoint, Fortinet (FortiGate, FortiManager, FortiAnalyzer, FortiDDoS, FortiWeb), F5, and Trend Micro Deep Security.
- Design, deployment, and management of VPN tunnels (site-to-site and remote access) and advanced security policies.
- Review of NGFW configurations (rules, policies, performance).
- Firewall management, security rules, IPS/IDS, and continuous monitoring of vulnerabilities and threats.
- Network monitoring with FortiAnalyzer and SmartView Monitor.
- Analysis of security attacks and incidents (Checkpoint, FortiDDoS, FortiWeb).
- Network configuration: Cisco Nexus switches, VLAN creation, segmentation, and Layer 2/3 troubleshooting.
- Proactive monitoring using Zabbix, with performance analysis, real-time alerts, and availability optimization.
- Technical support to users and resolution of network and security incidents in a demanding environment.
- Documentation of procedures, configurations, and topologies to ensure traceability and compliance.

Feb 2023 – Apr 2025 | ALTEN, Rabat

Network Operation Engineer - PSA STELLANTIS

- Handling and analysis of network and security-related requests/incidents reported via the PSASM tool.
- Administration of firewalls (Fortigate, ASA).
- Configuration and monitoring of proxies (Zscaler Cloud).
- Ensuring comprehensive monitoring of network and security equipment.
- Continuous monitoring of SD-WAN links to ensure connectivity between production sites.
- Installation, upgrade, and configuration of network and security devices.
- Administration of switching and routing (Cisco, HP Aruba, etc.).
- IT incident support and management.
- On-site assistance to field technicians/installers.
- Monitoring of routers and operator interconnections (Orange, AT&T, TATA, SFR).
- Collaboration with other teams in case of network issues.
- User support and guidance when needed.
- Office suite: SharePoint, DocInfo, OneNote, Excel.

2022– 20 weeks | OCP Group, Morocco

Project: Implementation of a highly secure inter-site communication solution with SD-WAN, MPLS and FortiGate.

Missions:

- Implementation of an IP/MPLS solution and a backup link via VPN/IPSEC for inter-site communication.
- Configuration of the MPLS backbone with BGP, OSPF and RIP routing protocols
- Deployment of FortiGate firewalls to strengthen network security and manage traffic
- Creation of VPN/IPSEC tunnels to secure data transmission between sites.
- Testing and troubleshooting to validate IP/MPLS and VPN configurations.

2020 – 8 weeks | faculty of technical sciences Settat (FSTS)

Creation of a web application for detecting COVID-19 cases with x-ray images (using machine learning)

2019 – 4 weeks | Popular Bank-Marrakech

System administration with Windows server 2016 by the PowerShell tool (active directory, DNS server, DHCP server, FTP server, WEB server, exchange, DMZ zone)

2018 – 3 weeks | Popular Bank-Marrakech

Simulation of an IP/MPLS VPN Backbone of an Internet Service Provider by GNS3

EDUCATION

2020 - 2022 | faculty of technical sciences Settat (FSTS)

Master's degree in computer network and intelligent telecommunications systems engineering

2019-2020 | faculty of technical sciences Settat (FSTS)

Bachelor's degree in Big Data: analysis and management of massive data.

2018- 2019 | BTS of Essaouira

Higher Technician in Computer system and networks

2017-2018| High school Rehamna

Baccalaureate in mathematical sciences -A-.

SKILLS

Routing: STATIC, RIP, OSPF, iBGP, eBGP, EIGRP

Switching: STP, VTP, VLAN, Stacking, LACP, DTP, EtherChannel

Network Architectures: LAN, WAN, SD-WAN, SDN (SDA, ACI), MPLS

Firewalling: Palo Alto, Fortinet, Cisco ASA

VPN: IPsec, GRE, SSL, ADVPN, DMVPN

Monitoring & Supervision: SolarWinds, Nagios, Zabbix

Windows Server Administration: GPO, OU, DHCP, DNS, IPsec/L2TP, SCOM, FTP, SMTP, SNMP, HTTP(S), NTFS

Virtualization: Hyper-V, VMware ESXi, VMware vSphere, VMware Workstation, VirtualBox

Access Control & Authentication: Zscaler, Aruba ClearPass, Active Directory, Azure AD

Windows Server Administration Environment: GPO, OU, DHCP, DNS, IPsec / L2TP, SCOM, FTP, SMTP, SNMP, HTTP(S), NTFS

Virtualization: Hyper-V, VMware ESXi, VMware vSphere, VMware Workstation, VirtualBox

Access Control & Authentication: Zscaler, Aruba ClearPass, Active Directory, Azure AD

Automation & Scripting: PowerShell, Bash, Python

Load Balancing: F5 LTM, DNS, Radware

Data Analysis: R, SQL, SPSS, R Studio, Talend

IBM Z/OS: 3270 emulation, job and/or task monitoring, Netview, Sysview, TSO, TWS, VTOM, Cortex, Control-M, OPC

 CERTIFICATES

- CCNA
- Windows Server 2019 Administration
- Cloud Microsoft Azure AZ 900
- IBM MAINFRAME AS/400
- Cybersecurity Essentials Cisco
- Service Management ITIL4
- NSE 1-2-3
- Windows Server 2016 Administration

 LANGUAGE

French



English

