



Hossam Eddine Ihab Bouchemal

IP MPLS & Security Engineer / Networking Instructor

📁 Employment History

Technical Support Engineer JTAC at JUNIPER

Since January 2022

Technical:

- Implement new Juniper Service called FireStorm
- Implement Firestorm Lab test in the Cloud
- Add Juniper Cloud Solution of Sandboxing called SKY ATP
- Implement SSL PROXY to filter specific Traffic
- Handle the cases and rebuild lab to the team to trouble-shoot
- Check and test protocols in different Junos software version
- Trouble-shoot in services and protocols BGP , OSPF , SSL Proxy , VPNs , SKY ATP , Security Director , NAT , Polices , IDP , UTM
- Implement Security Director to manage thousands of sites and manage security devices in the cloud or on-premises
- Escalate Software and Hardware issue to development Team

Process:

- Prepare documents and slides to inform JTAC team in new juniper services
- Share Routing & Switching knowledge to Security team for issues related on the SRX
- Request equipment from Juniper lab team and rebuild the same customer's equipment to check the issue
- Support Juniper in volunteer days

IP MPLS Consultant at VOO in Belgium

June 2021-August 2021

Technical:

- Implement new site EX-Juniper for IPTV Service
- Add Multicast configuration for IPTV Service
- Upgrade Juniper EXs include chassis
- Upgrade MX routers

- Implement Network OOB and used Switch Lantronix to make Access via console
- Collaborate with security team to permit/denied ports for Cache Servers Facebook, Netflix, Google

Process:

- Prepare monthly report KPI
- Check security threats and monthly report
- Open Ticket with Juniper in case HW issue

Details

Sint Philipsland Amstelveen – Amsterdam

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Date of birth

05/08/1994

Hobbies

Basket Ball

Swimming

Vlog

Travel

Videographer

Languages

English

Arabic

French

IP MPLS Customer Support at HUAWEI North Africa, Bab-Ezzouar Algiers

October 2018 — April 2021

Technical:

- Implement IPRAN project with ATM Algeria ISP
- Swap Sites 3G,4G, Power from Core router to Access Router

- IP Customer support 7/24
- Support FTTB project AS IP Access Engineer
- Support Transmission Team from IP side to Swap DCN to new router solution
- Upgrade new OS and Patch to routers
- Support Wireless Team from IP side to Swap IUB to new router solution
- Integration new sites 3G, 4G, Power from IP side
- Configuration on Huawei routers between two ISPs UP 100G Bandwidth

Process:

- Prepare RFCs operation severity low, medium, high and review it with ETAC, GTAC and R&D
- Update LLD topology network every month and exchange it between client and our IP team
- Team leader responsibilities in Project IP-DWDM
- Prepare monthly report include all action and collect all KPI to monitor traffic performance
- Customer weekly meeting MOM about progress ticket
- Prepare weekly operation to organize weekly duties
- IP Technical Skills improvement with Huawei IP Team

- Software commissioning and service integration (3G/4G WRAN VLANs) of IPRAN nodes CX600-X3, CX600-X2, NE8000 and ATN950C
- Software commissioning and service integration (2G CS, 3G PS services) of IP Core nodes NE40E-X8A/X16A

Cisco instructor in Professional Center & YouTuber Juniper, Cisco, AWS

May 2017— Present

Cisco instructor part time Routing and Switching Associate Level Teaching and Guiding students and workers in networking domain skills and prepare them for getting professional certification, **Youtuber** giving courses on multiproduct **Juniper, Cisco, Huawei** in advanced concepts with LAB. Channel name **Hossam Eddine Ihab**

Huawei Instructor at Professional Center, Algiers

May 2019 — September 2019

Support ICT Huawei Academy for guide and Teach students at university about Huawei IP product

Education

Master degree in Networking and Telecommunication

September 2016 — July 2018

License degree in Telecommunication

September 2013 — July 2018

Professional Certifications

JNCIP-Security, Juniper

May 2022— May 2025

JNCIS-Security, Juniper

April 2022— May 2025

JNCIA-Security, Juniper

February 2022 — May 2025

JNCIS-Service Provider, Juniper

February 2021 — February 2024

AWS Solution Architect-Associate, Amazon

June 2020 — June 2023

Azure-900 Fundamentals-, Microsoft

June 2020 — June 2020

JNCIA-Cloud, Juniper

April 2020 — February 2024

JNCIA JUNOS, Juniper

November 2019 — February 2024

JNCDA-Design, Juniper

October 2019 — February 2024

HCIP R&S, Huawei

August 2019 — August 2022

HCSI R&S Instructor, Huawei

April 2019 — April 2022

HCIA R&S, Huawei

April 2019 — April 2022

CCAI R&S Instructor Academy, Cisco

September 2018 — Present

CCNP R&S, Cisco

March 2017 — February 2024

CCNA R&S, Cisco

March 2017 — February 2024

Skills

1. Strong Network Knowledge and configuration of router and switch (Layer1, Layer 2, Layer 3) mainly BGP and MPLS, RSVP, OSPF, IS-IS, MPLS L3, L2 VPN, EVPN, Multicast, Segment Routing in Multiproduct
Juniper, Cisco, Huawei
2. Extensive network installation and maintenance experience
3. High troubleshooting and analytical abilities and analytical skills
4. Multilingual: English, Arabic (Fluent in ALL of them)
5. Strong presentations with students and workers in Professional Training
6. Strong communication skills with customer and team

