



CCIE # 24925

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HAYTHAM TAYMOUR

SUMMARY

CCIE #24925 (Routing and Switching Track) certified, Holding a B.Sc. in Telecommunications and Electronics Engineering.

15 years plus of experience in implementation design and support for large-scale multi-vendor international service provider enterprise networks such as VPN, Data security, Cloud, voice and video, QOS, LAN/WAN, network optimization and monitoring, satellite network communication, broadband DSL and leased line solutions. Network automation/devops tools to extract data or apply changes on devices using Netmiko, Paramiko, Netconf, Restconf API's or Viptella python library that return JSON/XML yang data models.

Hands-on configuration experience with multivendor platforms including Juniper (MX-960, EX3300, EX4200) Cisco (GSR12K, 6500, 7600, ASR10K, 7206VXR, Nexus). Different administration of operating systems including Linux Redhat, Unix sunOS.

Specialized in scripting languages including Python, bash shell. Automation of daily tasks using Python, and bash. Database administration using MySQL and sqlite. Devops hands on experience with CI/CD tools like github, gitlab. Cloud services management with aws (Amazon web services) Ec2, S3, Lambda or DynamoDB. Data mining and web scraping using python libraries beautiful soap, Selenium and API's. Development of UI desktop applications and web UI. Full stack Development with Django, flask, HTML, CSS and API web services building.

EXPERINCE

Network engineer/Software developer job as Freelancer.

Feb 2020 – Now

Multiple client - Remote jobs

Started my freelancer carrier in software development and network consultation and implementation. I have already managed many successful jobs on upwork platform. IT solution based on business requirements including networks, security, automation, scripting, desktop UI application building, devops and web development.

Please check my portfolio sample work and clients review on upwork freelance platform as link below:

<https://www.upwork.com/fl/haythamtaymour>

Orange Business services

August 2007 - Now

Orange business services. City Stars, Cairo, Egypt.

Virtual Private Network Life Cycle Management Engineer

Provide value added, customer funded, network technical expert operational services for a designated premium customer worldwide Virtual Private Network (VPN), in addition to other technical and consultation services.

Key Tasks and Responsibilities:

Overall network management authority to customer's IP/MPLS and Packet switching Core. This includes not limited to delivery of configuration, HLD, LLD documents.

On a regular basis, analyze performance data and provide an audit and Enhancement report with a summary of findings and recommendations to enhance customer network operation.

Supporting various implementations of special and complex customer setups.

Handle technical workshops and conduct technical solutions with customers.

Manage the introduction of new pilot technologies and services into production environment.

Creating automation scripts to maintain and update large enterprise IP networks (using shell scripting and unix cron job or python script).

Network and server diagnostics and problem resolution.

Responsible for applying the configuration of new implementations for the designated VPN layer 3 and LAN devices.

Responsible for applying the change requests coming from the customer, on related devices (layer 3 and LAN devices).

Meet the implementation projects milestones for customer implementations

Acts as a direct point of contact for the designated customer for technical aspects regarding the VPN.

Acts as the escalation point for the customer in case of major operational incidents.

Extensive Experience utilizing CISCO router and switches (routers: 2600, 3600 ,7200VXR and 7600 series , CRSs and GSR-12k ,switches : 1900, 2900, 3500, 6500)

Training Junior Engineers (On-Demand) training.

LAN networks hands on :

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a) Access , Distribution and Core layers Switching Design (including L2 vlans , VTP, trunks ,ether channels ,spanning tree (RSTP,PVST,MSTP),port security ,storm control...etc).

b) Routing Design (L3 redundancy VRRP, HSRP, GLBP, and IGP like OSPF, RIP and EIGRP).

IP/MPLS Core hands on:

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a) L2 connectivity (LC-ATM, FR, Ethernet, PPP, HDLC).

b) PE-CE routing (RIP, EIGRP, OSPF, ISIS,BGP)

c) IP backbone network design IP/MPLS based network for (MPLS L3 VPNs ,ATOM,BFD, BGP, mBGP and RRs)

d) Congestion management , avoidance and links efficiency using different QOS tools and models

Orange Business services

July 2005 – August 2007

Orange business services. City Stars, Cairo, Egypt.

VPN implementation engineer

Manages implementation and change management for large customers that subscribe to

Orange's premium service (from either implementation or operational side), in their respective regions. Provides on-time, error-free Custom IP configurations and overall management of customers VPNs. Designated engineers, who maintain detailed knowledge of the specific customer environment, provide these enhanced services. Virtual Private Network (VPN) Assessment Conceptual VPN Design, providing expert support to Customer Complex Solutions (CCS). Architecture & Design Detailed technical design. Deployment Migration plans, providing expert support to Project Managers. Configuration management. Management & Optimization VPN Management, providing expert escalation support to Master Internetworking Operating centers (IOCs). VPN Performance management, expert support to Customer Support Managers (CSMs).

Equant

March 2004 – July 2005

Equant Cairo, Egypt.

Technical Support and network management Engineer

Provide professional technical support and troubleshooting.

Diagnose fault-related cases by effectively utilizing software diagnostics and other network/product utility programs and Provide updates to the customer as needed to meet performance objectives.

Perform technical escalations in line with company policy.

To ensure cases are allocated to the most appropriate next level/organization as part of the case flow process

To monitor systems, customer networks and products, and deal with alerts and events as appropriate.

Document all troubleshooting and case management actions via the electronic case management system. To prepare technical reports as required.

Egyptian telecommunication company

June 2002 - March 2003

Cairo, Egypt.

Network design and Implementation, technical support and planning office.

Installation and maintenance of ground telephony network working with an army project to upgrade the telephone network.

work places : Mataraya telephone central

Marg telephone central

El-salam telephone central

Informatique

November 2001 - February 2002

Egypt

Database Application Developer

Working with Visual Basic and SQL database to develop system applications for different projects.



**Cisco Certified Internetwork Expert Routing and Switching (CCIE)
CCIE # 24925**

July 2009

- Cisco Certified Internetwork Expert (CCIE) service provider written. Lab in progress



Cisco certified Internetwork professional (CCIP)

May 2007

- Border Gateway protocol (BGP) 642-661
 - Multi protocol label switching (MPLS) 642-621
 - Quality of service (QOS) 642-642
- Cisco (C-voice) 642-436 Certified



Cisco certified network professional (CCNP)

Nov 2005

- Building Cisco Remote Access Networks (BCMSN) 642-811
- Building Scalable Cisco Internetworks (BSCI) 642-801
- Building Cisco Remote Access Networks (BCRAN) 642-821



Cisco Certified Network Associate (CCNA) 640-801

Mar 2004



IT infrastructure library (ITIL) Certified

May 2008

IT service management Foundation based on ITIL. ISO20K - ITIL Certification



Juniper (JNCIA) Certified.

Jan 2014

JN01-101 certified.

Juniper (JNCIS - ENT) Certified.

Mar 2017

Juniper Enterprise routing and switching
JN0-343 certified.

EDUCATION

BSc Communication Engineering
Arab Academy for Science and Technology (AAST)
Alexandria, Egypt
August 2001
Degree:

Bachelors - Communication Engineering
GPA/Grade :
2.71 / good
B.Sc. Engineering
major Communication
minor Electronics

High School degree – IGCSE

Manarat School

Riyadh, Saudi Arabia

July 1996

Degree:

High school or equivalent – IGCSE

International General Certificate for Secondary Education

Passed 8 IGCSE's

RECOMMENDATIONS

Ahmed Abdel-rahman

Head of VPN Owners Cairo at Orange Business Services

CCIE SP

I found Haytham to be a very professional Network VPN owner who likes to perform his job near perfection, his communication skills and dedication towards performing his job is above average. Experience, Creativity and flexibility are Haytham's main key points. I have been impressed by his thorough, creative approach to his work.

www.linkedin.com/in/ahmed-abdelrahman-435b61b/

Mohamed Khattab

Sr Presales Consultant at orange | CCIE#31449

Haytham is a world class packet core architect, able to handle almost all types of customer queries within aggressive timelines, delivering high quality documentation. He is challenging most of solution builders and he is capable to translate any request and an idea to a smooth implementation plan. He is considered as the primary solid reference for all projects in our region.

www.linkedin.com/in/mohamed-khattab-30193223/

Many client recommendations on upwork freelance platform.

Sample: The work was on time and well done. The scrapers did exactly what we needed them to and more. Would recommend this freelancer for others seeking automation and scraping.

Profile for full feedback from clients :

<https://www.upwork.com/fl/haythamtaymour>

COURSES AND SEMINARS

Python full stack development and data scabbing.

Professional web scabbing tools using scrapy, beautiful soap, selenium and API. Developed many projects for different enterprise data mining.

Python full stack development web framework Django with hands on MySql and sql-lite

Linux Redhat administration online course

Redhat administration , RHCA course attended online.

Network Automation Bootcamp course

Python scripting for network automation

paring data in text/json/xml and yang

RESTAPI's , Netconf and NX-API and road to SDN

Workshop :

Creating production scripts by generating real reports from live routers and attaching in tools on web site to automate daily work.

Juniper network experience

Worked with multiple project implementing services on Juniper backbone / firewall for service provider and security.

MRV hardware vendor training.

Jun 9, 2009

Configure the MRV OS900 and Perform basic troubleshooting of the MRV OS900.

Riverbed wan optimization training

March 2010

Riverbed's Steelhead Appliance Deployment and Management Training & Central Management Console Configuration & Operations Training

Alcatel working experience

On job Alcatel vendor training working with Alcatel 7700 equipment.

Synergy Professional Services

September 2003 till March 2004

CCNA, CCNP Course at Synergy Professional Services.

Course Contents:

- Cisco Certified Network Associate (CCNA) 640-801
- Building Cisco Remote Access Networks (BCRAN) 642-821
- Building Scalable Cisco Internetworks (BSCI) 642-801
- Building Cisco Multilayer Switched Networks (BCMSN) 642-811
- The Implementation Of PIX Firewall Project

Ericsson GSM system.

Ericsson , May 2003

Attended the following courses with Ericsson :

AXE system survey

GSM systems

GPRS systems

Cell planning survey

LANGUAGES

Arabic - Mother language

English - Fluent spoken and written

French - basic proficient spoken and written

Linkedin Profile :

<https://www.linkedin.com/in/haytham-taymour-81060536/>

Github link :

<https://github.com/htaymour>

Upwork profile:

<https://www.upwork.com/fl/haythamtaymour>