

AROON HARYANI

VCP-NV (In-Progress), CCIE-DC (CCIE#51883), Masters of Electrical Engineering (USA)

haryaniaroon@gmail.com | [+966-59-0544834](tel:+966-59-0544834) | <http://www.linkedin.com/in/aronharyani/>



PROFILE:

- 7 years of experience in L1/L2 Customer Support (Incident Management) and Data Center Infrastructure planning/designing/implementation/migration; with hands on experience of Data Center Switches, Routers, Firewalls, Call Managers & Servers.
- In depth knowledge of OSI & TCP/IP layered models, Routing Protocols, LAN Switching, Security, Software Defined Networking(SDN), Server/Backup Administration and Storage.
- Customer focused with Strong analytical and problem solving skills with quick learning and availability 24/7/365.

TECHNICAL SKILLS:

- Data Center Networking , Virtualization, System administration, IP Routing (IPv4/IPv6), Network Security, LAN Switching & VoIP
- **Technical Knowledge:**
 - Data Center Concepts (VxLAN, Fabric path, FEX, VPC, VPC+, VDC, UCS, FC, FCoE, OTV, PIM, SAN, VSAN)
 - LAN Switching (ARP, STP, VLAN, VTP, Ether Channel)
 - L2/L3 Protocols (RIP, EIGRP, OSPF, BGP)
 - Security (ACL, NAT, PAT, VPN, IPS/IDS, TACACS, RADIUS, Policy routing)
 - Microsoft (Active Directory, DHCP Configuration, Office, Project, Visio)
 - Virtualization (Vmware Esxi/Workstation, Vmware Client, Oracle Virtual box)
 - Software Testing (Bug finding/reporting, Execution/Up gradation of Test Cases)
 - Application Layer Protocols (HTTP, HTTPS, DNS, SSL)
 - Voice over IP (SIP, SCCP, H.323, CME, CUE, Call Manager, CUCM)
 - DSL, Integrated Services Digital Network (ISDN) systems, Data Terminating Units (DTUs) and Network Terminating Units (NTUs), MPLS, Frame Relay, TDM/FDM/CDM/DWDM.
- **Hardware/Products:**
 - Nexus Data Center Switches: N9K, N7K, N5K, N2K, N1K (9508, 7010, 5548UP, 5596UP, 2248TP, 1000v)
 - Cisco Switches & Firewall: 3750, 3650, 3560, 2950, 2960, SG500, SG300, SG200, SF500, SRW2024, RV-220,
 - Cisco Routers: 1800, 1900, 2600, 2800, 3600,
 - Cisco Call Managers: UC560, UC540 & UC320
 - Palo Alto: PA5060, PA3060
 - Juniper: ISG-2000, ISG-500, SSG-350M, SSG-250M, J2320, WXC-1800
 - Accelerator/Load Balancer (F5 BIG-IP 1600, F5 5200v, Peribit SR-20, Riverbed SHA-00250-L)
 - Extreme Network switches: BD-6808, BD-8806, x460, x250
 - IBM: B24 SAN Switch, Storwize v3700 system, Storage System/Tape Library TS3100
 - Servers: HPE c7000, HP Apollo 4200, HP Synergy 480
- **OS/Applications/Networking Tools:**
 - Cisco NxOS/IOS/CatOS, JUNOS, ExOS
 - Basic Linux/Unix(Ubuntu, CentOS, Red Hat), VMware Esxi 5/5.5/6, Virtual Box
 - Monitoring tools: Solarwinds, PRTG
 - Microsoft Server 2008/2012 administration
 - Symantec Backup(BE 2014), Lotus Notes, SQL
 - IXIA test tool, TFTP, Filezilla FTP server, Wireshark, Putty, Packet tracer.
- **Programming Skills:** Working knowledge of Python Scripting, C/C++, Java Programming and MATLAB.

EXPERIENCE:

COGNIZANT TECHNOLOGY SOLUTIONS (RIYADH, SAUDI ARABIA)

Senior Operations Lead

Oct 2017 – Present

Operations Lead (working at client General Organization of Social Insurance, GOSI)

Oct 2015 – Sept 2017

Responsibilities:

- Administrating GOSI network infrastructure at primary, disaster recovery and 34 branch sites, consisting of more than 350 nodes of Nexus Data Center switches, Access switches, Firewalls, Routers, UCS Servers, WAN Optimizers and Load balancer.
- Handling the complete data center network tasks; consisting of new devices installation, rack spacing, power allocation, centralized cable management (UTP/Fiber) and their connectivity with GOSI core network.
- Updating the network documentation; consisting of excel sheets, word document and Visio diagrams.
- Coordinating with all network team members and all other departments to meet their current and future network requirements; and opening required support cases with vendors.
- Creating Change requests (CR), Business Plans, RFP's and Purchase Orders for IT Projects for network department.

Accomplishments:

- Complete migration of GOSI core network infrastructure to new data center switches Nexus 9K's (9508) on primary and disaster recovery site, providing redundancy with dedicated fiber links of up to 160 Gbps.
- Installation of new Dedicated Dark Fiber optic links between Primary and Disaster Recovery site of up to 288 cores

AL-AIN UNIVERSITY OF SCIENCE & TECHNOLOGY (AL-AIN, UAE)**Network Engineer**

Aug 2014 – Sept 2015

Responsibilities:

- Responsible for configurations, maintenance, backup and up gradation of Network infrastructure including routers switches, firewalls, call managers, servers and IP phones.
- Maximizing network performance by monitoring performance, troubleshooting network problems and outages, scheduling upgrades & back-ups and collaborating with team on network optimization
- Designing and implementation of new solutions and improving resilience of the current environment
- Securing network system by establishing and enforcing policies, and defining and monitoring access and administrating firewall environment in line with IT security policy

Accomplishments:

- Complete migration of AAU-Infrastructure to new Data Center consisting of 10G Fiber Optic installation, configuration of all new core switches, routers, firewall and virtualized servers with SAN Storage.

CISCO SYSTEMS (Kanata Consulting Group, United States)**Software/Network Test Engineer (for Nexus)**

May 2013 – Oct 2013

Responsibilities:

- Worked in SAVBU-Arch Test Team for development and testing on Nexus 5K and Nexus 2K platform. Part of Layer 3 unicast IPv4/IPv6 Team.
- Testing various L2/L3 protocol such as OSPF, EIGRP, BGP, HSRP and VRRP over SVI and Access/Trunk ports for both IPv4/IPv6.
- Executing test cases by generating IPv4/IPv6 traffic using IXIA XM12 traffic generator.
- Work closely with software development teams, software design, services, and also helps in upgrade testing, analyzing resolving software upgrade issues/debugs/defects.

Accomplishments:

- Layer 3 testing of Cisco NxOS version “Gold Coast Maintenance Release 5”, used for Nexus Data Center Switches (5k, 2k and 1k)

CISCO SYSTEMS (Wichita State University, United States)**Cisco SBSC Support Engineer (VoIP) - Graduate Assistant**

Feb 2012 – May 2013

Responsibilities:

- Assist customers in configuration and troubleshooting severity 3 network issues comprising Cisco call managers(VoIP) and switches, architectural related to IP Telephony(VoIP), SIP/ SCCP, Site to Site VPN, Remote Phone registration, high CPU utilization, Inter-VLAN routing, Trunking, Layer 2/3 switching, IOS/Firmware upgrade, device crashes, POST failures and provide related documents

Accomplishments:

- Solved more than 350 real enterprise network issues/tickets of Cisco Systems customers globally.

S.I.T.A. (Société Internationale de Télécommunications Aéronautiques), MEIA**Field Services Engineer**

Apr 2010 – Dec 2011

Responsibilities:

- To carry out the installation and maintenance of SITA operating equipment (Desktop, PC's, Printers) and network connections. Implementation of customer installations according to circuit installation, follow-up and site surveys.
- Testing of network service equipment, installation of network service equipment, support for new connections, providing professional skills for network equipment installation at airport/customer premises and be responsible for the co-ordination of local acceptance testing with customers and 3rd parties.

Accomplishments:

- VISA MPLS Migration activities (Pre-cutover & Cut-over) at VISA Client Banks
- Installation of MasterCard / IBM X2550 Server at MC client Bank, connecting to MPLS Network
- Network installation and commissioning at PMI Lakson Tobacco Company, providing high speed WAN connectivity
- Installation of Riverbed Steelhead SHA-00250-L and Peribit SR-20 at Cathay Pacific Airline
- Installation of Juniper WXC-1800 at Malaysian Airline.

EDUCATION / CERTIFICATION:**Master of Electrical Engineering (Computer Networking)**

Wichita State University, United States

Jan 2012 - May 2013

Bachelor of Telecommunication Engineering

Mehran University, Jamshoro, PK

Jan 2006 - Mar 2010

Cisco Certified Network Associate (CCNA)

License ID: CSC011907321

Jan 2011- Jan 2014

Cisco Certified Internetwork Expert–Data Center (CCIE-DC)

License ID: 51883

Feb 2016 – Present