

Razak Kareem

Snr. Network Engineer - Department of Commerce, National Weather Service

Woodbridge, VA - Email me on Indeed: [indeed.com/r/Razak-Kareem/b9f7658b230b913e](https://www.indeed.com/r/Razak-Kareem/b9f7658b230b913e)

Authorized to work in the US for any employer

WORK EXPERIENCE

Snr. Network Engineer

Department of Commerce, National Weather Service - Silver Spring, MD - November 2015 to Present

Design, development and implementation of local and wide area data networks (firewalls, routers, network switches and F5 load balancers)

- Manage, support and ensure optimal operation of all network infrastructure in the data center and 120+ remote sites
- Respond to emergency network outages and provide technical support for all LAN/WAN connectivity and performance issues
- Implementation and management of all Juniper SRX/Netscreen Firewalls, Routers and Switches
- Implementation and management of all CISCO Routers and Switches.
- Implementation and management of all Openview NNMi and ScienceLogic EM7 servers in a multi-tier management domain.
- Manage all aspects of network equipment adds, moves and changes
- Interface with vendors and service providers to provision, change and move data circuits
- Analyze network traffic and provide performance statistics, reports, performance tuning and capacity planning
- Provide Tier 4 support for team members in the areas of change management, incident management and, implementation
- Participate in operations-related projects and project portfolio management efforts
- Analyze existing operations, conduct feasibility studies and testing, research and make recommendations for the improvement and growth of the network infrastructure, IT equipment.

Network Engineer

Time Warner Cable - Herndon, VA - April 2014 to November 2015

Installing/Racking Network hardware, running copper and fiber cables from devices to patch panels and vice versa

- Configuring and Maintaining ACS (TACAS) systems.
- Configuring, Maintaining, and Troubleshooting core network infrastructure and front-end, back-end network devices including routers, switches, and firewalls.
- Applying access lists and configurations based on implementation guidelines.
- Configuring F5 BIG-IP 3600 and 3900 load balancers to distribute network or application traffic across a number of servers using algorithms such as Round Robin and Weighted Round Robin.
- Configuration and Management of Cisco NX-OS 7000 and 9000 series switches
- Managing and Troubleshooting Juniper and Cisco routers, switches and firewall models on the network which includes but not limited to MX480, EX4200, SRX 5600, SRX 5800, Cisco 3700, 7500, 6509 series and ASR9000
- Troubleshooting of various LAN, WAN, Switching, Routing and Firewall issues.
- Configuring and Implementing OSPF and BGP in a multi-protocol network environment.
- Tracking and assigning both IPv4 and IPv6 public and private addresses.

- Configuring HSRP redundancy protocol on multilayer switches to establish fault-tolerant default gateway and Configuring Etherchannel using LACP and PAGP.
- Hands-on experience in NAT, IPsec VPN, MPLS, VLSM, RSTP, VTP, VLAN Trunking and Subnetting

Network Engineer

DC Water and Sewer Authority - December 2013 to August 2014

- Implementing security policies on Juniper SRX5600, NS5400 and Cisco ASA 5540's
- Configuring and troubleshooting OSPF and BGP sessions on both Cisco and Juniper devices
- Leading maintenance projects to upgrade codes and backup router and switch configs.
- Using RSA SecureID console to grant VPN access to customers working remotely for Two-Factor Authentication into the network.
- Work on Escalated cases with vendors (Juniper, Cisco and F5).

Associate Engineer

Direct Health Company - March 2010 to July 2013

- Configuring and Installing routers, switches, firewalls and wireless controllers.
- Managing, configuring and troubleshooting Cisco Catalyst 6504-E (Port-security, 802.1d spanning-tree, Virtual LAN, 802.1q Virtual trunking protocol, implementing security to mitigate layer 2 attacks such as DHCP snooping, VLAN hopping, CAM table overflow attacks).
- Configuring Cisco 2900 Series Integrated Services Router (Static Routes, EIGRP, 802.1q VLAN, Frame Relay, High-Level Data Link Control (HDLC), Access Control List, Role Based Access Control List (RBAC), Content Based Access Control List (CBAC).
- Using Cisco Configuration Professional (CCP) to implement zone based firewall to do stateful inspection, configuring of Internet key exchange (IKE) tunnels phase 1 and 2 to create Site-to-site VPN.
- Configuring and Maintaining windows server 2003/2008 to ensure availability

EDUCATION

BSc in Computer Networks and Cyber Security

University of Maryland University College - Upper Marlboro, MD

Associate in Computer Science

Penn Foster College - Foster, PA

Sekondi College

SKILLS

DHCP (3 years), firewalls (6 years), security (4 years), VLAN (4 years), VPN (5 years), Load Balancer (2 years), Routing (7 years), Switching (7 years), Windows Active Directory (5 years)

ADDITIONAL INFORMATION

SKILLS

Routers (7 years), Switches (7 years), Firewalls (7 years), Load Balancers (5 years), Servers (7 years), Project Management (5 years)

Technical Skills

Routing Protocols: OSPF, EIGRP, BGP, MPLS

Switching Protocols: VLAN, STP, RSTP, PVST, MST, VTP, EtherChannel

Redundancy Protocols: HSRP, VRRP, GLBP

Routers: 4451, 2911, 3845, 3945, 7600, ASR9000, MX80, MX480, T640

Switches 2950, 3560, 3750, 3850, 6503, 6509, 7603, 7609, EX4200, EX4550, Nexus 2K, 5K, 7K

Load Balancers: F5 BIG-IP 3600, 3900, 1600

IP Services: DHCP, DNS, ARP, FTP, TFTP, SMTP, IPv6

Firewalls: ASA (5520, 5510), SRX5600, SRX5800, NS5400, SSG550

Security ACL, IPSec VPN, NAT/PAT

Tools: Visio, NSM, EM-7, Wireshark