

# Network Engineer

## Network Engineer

Miramar, FL - Email me on Indeed: [indeed.com/r/678444dd134ef03b](https://www.indeed.com/r/678444dd134ef03b)

Highly motivated and service-focused IT Specialist with solid track record of achievement managing data and communications networks in fast-paced, security-conscious environments. Resourceful and reliable team player adept at devising innovative solutions, meeting deadlines, and rapidly mastering new technologies and processes. Bilingual (Spanish / English) with strong interpersonal and problem solving talents; skilled at working directly with clients and technicians to diagnose and quickly resolve challenging technical issues.

### CERTIFICATIONS

- Cisco Certified Network Professional (CCNP) – [...]
- Cisco Certified Network Associate (CCNA) – [...]
- Microsoft Certified Solutions Associate: Windows Server 2008 – [...]
- CompTIA Project+ - [...]
- CompTIA Security+ - [...]

Willing to relocate: Anywhere

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Network Engineer

EFG Capital International - Miami, FL - August 2014 to Present

##### Responsibilities

Provide IT support for EFG Capital as a Network Engineer. Maintain daily functions of the network environment for EFG Capital. Responsible for the connectivity between the main office, remote sites, datacenter and DRP site. Implement, modify, and maintain network baseline configurations as well as systems. Provide documentation on network and systems services in order to provide business continuity. Configure and maintain Cisco switch configurations, Juniper Firewall configuration, and policy rules between Miami, Headquarters Offices, and remote sites in order to provide a secure network.

##### Accomplishments

- Assisted in Disaster Recovery implementation during building floor flooding causing multiple systems to render useless.
- Upgrade IOS of Cisco network switches and Firmware for Juniper Firewalls utilizing the vendor's suggested upgrade.
- Configured Nexus 5672UP and 2248TP Fabric Extenders as the core infrastructure using HSRP and OSPFv2 as well as an Active/Active vPC topology at both Datacenter sites.
- Installed and configured network infrastructure at DRP site which consisted of a DMZ External Cisco Switch, DMZ Internal Cisco Switch, Checkpoint Firewalls, Juniper SSG 520M Firewall and Nexus 5672UP.

#### Network Engineer

Arma Global - Fort Bragg, NC - November 2012 to June 2014

Provide support for the Joint Special Operations Command Unit as a Network Engineer. Perform daily administrative operation and maintenance of server hardware and software. Maintain systems and network equipment in compliance with security policies. Implement, modify, and maintain network and system baseline

configurations. Provide guidance and assistance to peers on system and network related issues. Provide documentation on systems and network related services and equipment. Research, evaluate and recommend new systems and network technologies.

- \* Implement GRE Tunnels along with encryption devices to provide communications back to a central site.
- \* Administer TACACS+ with Cisco ACS Server to secure network devices and allow users to log into Cisco devices.
- \* Upgrade Cisco routers and switches with the latest IOS software and update servers with the latest patches.
- \* Audit communication packages consisting of Cisco routers and switch devices in each package.
- \* Utilize Solarwinds to monitor and maintain network devices across three different networks.
- \* Utilize NetMRI to maintain router and switch configuration as well as network policies and health.
- \* Enhanced one of our system packages for virtualization and a better storage solution by implementing Skyeras and Dell OEM 1130 (Dart Frog).
- \* Upgraded Steelhead Riverbeds with the latest IOS release. Configured the In\_Path, LAN, and WAN interfaces with proper IP address space. Installed Riverbeds with mobile packages in order to use for WAN optimization.

### **Systems Administrator**

Emergint Technologies - Fort Bragg, NC - April 2011 to November 2012

Provide support for the FORSCOM G6 network as a Systems Administrator. Manage over 146 virtual servers on VMware vSphere on the unclassified network. Administer Windows Server 2008, Windows Server Exchange 2003, Windows Server 2003, Microsoft System Center Configuration Manager (SCCM) 2007, File Servers, Print Servers, and DHCP Servers.

- \* Installed and configured two System Center Configuration Manager Servers on separate networks, classified and unclassified, in support of the FORSCOM migration to Fort Bragg, NC. Migrated all computer and servers to the new Primary Site server while maintaining computers and server up to date with the latest security patches.
- \* Update servers and clients on classified and unclassified networks with approved IAVA patches.
- \* Update servers and clients with Microsoft security patches using Software Update point in SCCM 2007.
- \* Administer IBM System Storage DS Storage Manager and create virtual hard disk space in order to provide storage for Virtual Machines.
- \* Utilize VMware vSphere client to create, manage, and maintain Virtual Servers on both unclassified and classified networks.
- \* Installed Fedora14 on 8 Dell PowerEdge R710 servers and 8 Dell PowerEdge R910 Servers.
- \* Configured ports on Brocade NetIron MLX - 16 for VLAN access and switch trunking.

### **Systems Administrator**

Ciber, inc - Fort Bragg, NC - August 2009 to April 2011

Provides support for the USACAPOC (a) G6 network as a systems administrator. Manages over 100 virtual servers on the unclassified network. Administered exchange 2003, windows server 2003, systems management server 2003, Symantec antivirus server, blackberry server, windows server update services (WSUS), and Microsoft System Center Configuration Manager (SCCM) 2007. Manages 10 physical classified servers for the USACAPOC (a) G6 network.

- \* Provided assistance for remote users and local users located throughout the United States.
- \* Updated local servers, remote servers, clients, and remote clients with approved IAVA patches using SCCM 2007.
- \* updated servers and clients with security patches from Microsoft with WSUS.
- \* Administered windows server 2008 R2 Datacenter with Hyper V and created virtual client computers in a production environment.

- \* Performed a side-by-side upgrade of SCCM 2007 Central Site Server on a new domain with Software Update Point in order to update local servers and remote clients with security patches and Microsoft Updates.
- \* Updated the IOS on Cisco switches using Solarwinds TFTP software and configured port-security using Sticky Mac-Address.

### **Senior Systems Technician IV**

United States Army - Fort Bragg, NC - March 2009 to July 2009

Performed Information Management Officer (IMO) duties for SIPRNET which included configured network and service device; troubleshoot network systems and assisted in network/service configuration management and policy implementation. Performed tasks of Secure Video Teleconference (SVTC) operator/scheduler and identifies VTC requirements and plans accordingly. Maintained an operational SOP and updated calendar of events. Provided VTC endpoint troubleshooting and operational support. Provided support to end users; identified, researched, and resolved technical problems within units secure networks (SIPRNET).

### **Local Area Network (LAN) Manager**

Camp Victory, Iraq - January 2008 to March 2009

Took lead roles in installation, configuration, and maintenance of network hardware, software, and peripheral equipment, capturing performance and reliability improvements for three operational networks. Create standard operating procedures that ensure continuity between transitioning units and employees. Train and supervise teams in key IT support techniques and principles. Interface with customers to define operational needs and project requirements; deliver technical support by quickly and completely resolving issues prior to closing trouble tickets.

- \* Closed more than 300 Remedy tickets during Operation Iraqi Freedom VI, ensuring connectivity for 10,000+ users at numerous sites near Victory Base Complex.
- \* Manage Victory Server Room shop; boosted performance from classified networks by performing maintenance on 400+ servers and associated equipment. Supervised transfer of 12,000+ user accounts and exchange mailboxes to new, more efficient, virtual servers.
- \* Installed Windows Server 2000/2003 and Exchange 2003 on multiple servers with Raid 5; created user accounts and Exchange mailboxes, and leveraged VERITAS software to institute size limitations on shared folders.
- \* Built and configured Local Area Network (LAN) with port security, created VLANs that enhanced network capabilities, and compiled network diagram of all system components.
- \* Developed classroom environment to provide more than 50 IT employees with tools and hands-on instruction, readying junior associates for real-world troubleshooting challenges.
- \* Played key role in building and operating tactical package for temporary operational assignments in Basra, which consisted of configuring over 20 Cisco 3560 switches with VLAN implementation and Installing Windows 2003 Servers

### **Campus Area Network (CAN) Manager**

United States Army - Fort Bragg, NC - January 2006 to January 2008

Ensured key systems remained at optimal performance, achieving average 97% uptime for three classified networks. Implemented LAN / WAN to support of 10 major training exercises; garnered Army Achievement Medal for outstanding support at Ulchi Focus Lens '06.

- \* Designed network implementation for different major training exercises in support of XVIII ABN CORPS G6.
- \* Configured routers and switches with Vlan Trunking Protocol and configured switches with port-security, such as sticky Mac-address.
- \* Implemented Cisco Secure ACS 4.0 with TACACS+ and RADIUS for login authentication and dot1x, respectively.

\* Installed Windows 2003 Enterprise Edition and Windows Exchange Server 2003 on Dell PowerEdge 1950s and 2950s, respectively.

### **Local Area Network (LAN) Technician**

Camp Victory, Iraq - January 2005 to January 2006

Excelled as Lead Technician on joint service / civilian team, applying network engineering expertise to research and isolate network issues during Operation Iraqi Freedom III.

\* Configured and installed numerous switches on installation's LAN network; numbered more than 930 switches, and integrated Multi-National Forces-Iraq Headquarters in Baghdad with 5,000 users across area of operations.

- Configured switches with Virtual Trunking Protocol and added them to their respective VTP domain.
- Configured and troubleshot issues with 802.1x and port-security
- Upgraded IOS on Cisco 2950, 3560, and 3750 switches using Solarwinds TFTP software.

### **Local Area Network (LAN) Technician**

United States Army - Fort Bragg, NC - January 2004 to January 2005

Provided technical support for XVIII Airborne Corps G6 and assisted in providing communications support for field exercises such as Ulchi Focus Lens 2004 in Korea.

\* Configured and installed Cisco over 30 2950 switches for a Local Area Network in support of numerous field exercises

\* Installed Microsoft Windows Server 2003 Enterprise edition and Microsoft Windows Exchange Server 2003 for communications support in a Local Area Network; Created over 200 user accounts for domain access along with Microsoft exchange email.

## **EDUCATION**

### **Associate of Applied Science in Information Technology**

Central Texas College - Killeen, TX

## **SKILLS**

CCNP, CCNA, CCNA Security, MCITP, MCSA, Security+, Project+

## **MILITARY SERVICE**

Service Country: US

Branch: U.S. Army

Rank: SSG

June 2003 to August 2009

## **ADDITIONAL INFORMATION**

Areas of Expertise:

- Network Development & Maintenance
- System / Account Administration
- Data & System Security Technologies
- Troubleshooting & Problem Resolution
- Technical Assistance & User Support

- Network Diagramming & Topology

#### Technical Proficiencies

Platforms: Windows Server 2008 R2, Exchange Server 2010, Windows Server 2003, Exchange Server 2003, VMware ESXi 5.1, NetApp

#### Tools:

Cisco Call Manager Express, Cisco IOS, MS Office Suite (Access, Excel, Outlook, PowerPoint, Word), MS Visio, Remedy IT service management, Solarwinds, NetMRI, Cisco Secure Access Control Server

#### Hardware:

Cisco Routers 2800 / 2900 series, Cisco Switches 2900 / 3500 / 3600 / 3700 series, Cisco Catalyst 4500 / 6509 switches, Brocade NetIron MLX - 16, Dell PowerEdge R910, Dell PowerEdge R710, Dell PowerEdge 510, IBM System Storage, IBM BladeCenter E, Cisco UCS FlexPod, Skyera, Dell OEM 1130, Steelhead RiverBed