Network Engineer Network Engineer Network Engineer - Server Management Services -IBM Bentonville, AR   3+ years of professional experience in Network/Cloud engineering with Cisco Certified Network Engineer, performing Network analysis, design, Implementing, capacity planning with a focus on performance tuning and support of large Networks.   Involved in troubleshooting of DNS, DHCP and other IP conflict problems.   Involved in installation, configuration, upgrading, patching and administration of Linux, UNIX and Windows Servers.   Configure AWS VPC with public and private subnets, configured Routing tables, Internet gateway, ACL's, Security groups. Strong experience in Windows/Linux server supp   Experience on AWS cloud services like EC2, S3, RDS, ELB, EBS, VPC, Route53.   Involved in L1/L2 Switching Technology Administration including creating and managing VLANs, Port security, Trunking, STP, InterVlan routing, LAN security. Skilled at Software Development Life Cycles Agile technologies and waterfall.   In-depth knowledge on Routing Policies, Network Architecture, IP Subnetting, VLSM, TCP/IP, NAT, DHCP, DNS. Good knowledge with scripting languages to automate tasks (Bash and Python)   Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers.   High end expertise in support of Enterprise Level LAN, MAN and WAN Networks.   Strong Troubleshooting Skills and Customer Centric approach.   Expert level knowledge on OSI model and TCP/IP protocol suite Work Experience Network Engineer Server Management Services -IBM February 2018 to Present Provide system support for 6000+ servers of SUSE 10/11 and Redhat Linux 6/7 including routine maintenance, patching, and system backups and restores, and software and hardware upgrades. Configured resources such as packages, services, files, directories, notifying users and groups, setting up Cron jobs using Puppet.   Automated system configuration using Puppet.   Supporting VMware vSphere 5.x and vSphere 6.0 (ESXi 5.5, ESXi6.0, vCenter 5.x and 6.0, vSphere update manger, VMware standalone convertor 6.0   Knowledge of F5 Best Practices, used iHealth, SSL offloading, Route Domains, GTM Sync Group.   Worked on F5 LTM/GTM, Big-IP, load balancing, iRules, and WAN acceleration.   Experience in Server OS Installation, Using alternate disk installation method for the same for critical servers to reduce down time.   Participate in planning, implementation, and growth of our infrastructure on Amazon Web Services.   Configuring of VPC

and Route 53 DNS with networking of subnets containing servers.   Created and Configured Red Hat, Ubuntu, CentOS, Solaris Virtual Machines in AWS using EC2, ElasticIP, VPC, Subnets, Route Tables, NAT Gateway.   Provided technical support services for DNS and IPAM services.   Creating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization, disk usage etc.   Maintained source code repository in Git.   Configure and maintain Cisco hardware which includes Cisco ASA 5500 series, Cisco switches (multiple models) and Cisco router (2800, 2900 series) devices.   Implement, configure and troubleshoot VPN's and Secure Remote related issues.   Configured 800, 1800, 2500, 2600, 3800, 7200 Series Routers and Cisco Catalyst 500, 1900, 2900, 3560 and 6500 Series Switches.   Performed IOS upgrades for 3750 stacked switches and 3550 stacked switches.   Completed core refresh projects involving Cisco 3850, 6509, and 3750x switches.   Troubleshoot network issues (TCP/IP, HTTP, SSH, DNS) to internal and external customer   Performed daily management, configuration and implementation of Cisco 4507 and 6509 Layer 2/3 switch Network Administrator Cloud PPH -PENN Medicine December 2017 to February 2018   Eliminated extended downtime of network and processes by installing and configuring a Nagios server to monitor Windows/Linux servers.   Monitored Linux server for CPU Utilization, Memory Utilization, and Disk Utilization for performance monitoring.   Configured EC2 instances with different Ami(Amazon machine Images) and different types of instances suitable for different criteria.   Setting up private networks and sub- networks using VirtualPrivate Cloud (VPC) and creating security groups and access control lists to associate with the networks.   Performed Continuous Integrated delivery (CI and CD process) using Jenkins.   Used Apache tomcat web servers for application deployment.   Setup new IPSec VPN service, installed and configured client applications for 200 users.   Maintaining the user accounts (IAM), RDS, Route 53, SES and SNS services in AWS cloud.   Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.   Created and modified application related objects, created users, roles and maintained system security.   Installing the F5 TMOS upgrades/downgrades, Hot-fix installations depending on Business needs.   Basic and advanced F5 load balancer configurations, general troubleshooting of the F5 load balancers.   Develop framework for System

Automation, Design and Automate LDAP security groups and permissions. Maintained and managed Domain Name Service (DNS) for AETC Active Directory (AD) enterprise. Deployed the Cisco 3500 Access Points using Cisco Wireless controllers 5500 and 2500 and WCS System. Optimized performance of the WAN network consisting of Cisco 3550/4500/6500 switches by configuring VLANs. Replace branch hardware with new 3900 routers and 2960 switches. Worked on Cisco routers 7200, 3700 and Cisco switches 4900, 2900. Solving internet issues of protocols such as SSH, FTP, SFTP & HTTP Network Administrator SERV Behavioral Health Systems Inc June 2017 to November 2017 Test, monitor, and troubleshoot multiple complex platforms, operating systems, networks and applications. Linux and Unix infrastructure design and management. Improved service performance and reliability through investigation and root cause analysis. Created and maintained file systems and performed RAID configuration on LINUX Managed users and groups using the Amazon Identity and Access Management (IAM). Configured Elastic Load Balancers with EC2 Auto scaling groups. Performed Network, Active Directory and Security tasks - WINS, DHCP and TCP/IP, DNS, Trust Relationships in Server 2003 - User and folder creation and permissioning Monitored network traffic and adjust system parameters to increase system performance Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers Optimized performance of the WAN network consisting of Cisco 2950, 2960, 3750, Monitor, troubleshoot and capacity planning of vSphere environment. Investigate potential or actual security violations or incidents in an effort to identify issues and areas that require new security measures or policy changes. Identified and evaluated potential threats and vulnerabilities. Network Administrator Metis Software Solutions July 2016 to May 2017 The configuration of routing and switching equipment. Configured and designed LAN networks with Access layer switches such as Cisco 4510, 4948, 4507 switches. Troubleshoot network connectivity, routing, IP, Peering, security, and utilization issues. Maximizing network performance by monitoring performance, troubleshooting network problems and outages, Scheduling upgrades and collaborating with network architects on network optimization. The configuration of Layer2 and Layer3 components. The basic configuration of firewalls. Remote

support of on-site engineers and end users/customers during installation.   Monitoring network engineering performance and ensure system availability and reliability.   Successfully engineered VPN connectivity for the network. This included both remote access VPN and site to site VPN.

Aug 2016 to May 2017 Education MASTER OF SCIENCE in Electrical Engineering Fairleigh Dickinson University - Teaneck, NJ May 2016 BACHELOR OF ENGINEERING in Electronics & Communication Engineering Appa Institute of Engineering and Technology June 2014 Skills Bgp, Dhcp, Eigrp, Ospf, Tcp, Tcp/ip, Vpn, Dns, Firewalls, Linux, Radius, Unix, Ipsec, Ssl, Security, Ec2, Udp, Python, Sql, Cisco, Vmware, MPLS, LAN, Active Directory, Networking Certifications/Licenses CCNA Routing and Switching January 2019 to January 2022 https://www.youracclaim.com/badges/d0a439be-899b-4345-a9f8-3d3e0b924962/public_url Assessments Technical Support   Familiar August 2019 Measures a candidate's ability to apply protocols to identify errors and solutions in order to maintain system function. Full results: https://share.indeedassessments.com/share_assignment/ggmi2ow2cfx-vpre   Problem   Solving Highly Proficient August 2019 Measures a candidate's ability to analyze relevant information when solving   problems.   Full   results: https://share.indeedassessments.com/share_assignment/rwe1otvivzbhy1ro   Indeed   Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field. Additional Information Skills: Protocols: TCP/IP, UDP, IPv4/v6, EIGRP, OSPF, BGP, NAT, ACL, ARP, STP. Security Protocols: IPSec, L2TP, SSL, RADIUS, VPN, HTTPS. Operating Systems: Linux(Ubuntu, SUSE, RHEL), Unix, Windows Server (2003, 2008 R2, 2012) Cloud: AWS (EC2, RDS, S3, Elastic Cache, VPC, Route 53, CloudWatch, IAM), GCP. Languages: C, Python, SQL. Others: GNS 3, Fortinet Firewalls, F5 Load Balancer, SDLC, DNS, DHCP, NTP.

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