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8303 Brahman Lane
Rosharon, TX 77583
Phone: ██████████
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U.S. Military Veteran with years of Network Engineering experience in monitoring, analyzing, troubleshooting, and managing a variety of LAN/WAN platforms in Network Operations Support. Creative and resourceful with great skill in communication and collaboration. Team-player and work well independently.

Education
B.S. Computer Engineering - Rochville University, Santa Monica, CA

Active Certifications
CCNA, CCNP, CCNA-VOICE, MCSA, SECURITY+, CySA+

Summary
Knowledge in the following: Hardware (performance testing, monitoring, operations) Hardware Benchmarking (program managements, network management) Design (compliance) Network Engineering (planning, provision)
Advanced understanding of best practices and client policies. Demonstrated ability to conceptualize, launch and deliver multiple IT projects on time and within budget.

Protocol Knowledge:
TCP/IP, ACL, IPSEC/VPN, VLAN, HTTP, FTP, NAT, VTP, CDP, STP, AD, SIP, EIGRP, OSPF, BGP, TACACS, RADIUS, MPLS, DMVPN, SDWAN, MPLS

Hardware:
Cisco routers: 2911,3900,800-ISR, 4451-ISR, CAT9407R, Palto Alto Prisma-SD-WAN ION 3000
Switches: 3650CX ,3750,3850,4500E, C9300, 6500, Nexus N9K, Nexus 6000, HP 6300M, Aruba JL635A-8325
Firewalls: Cisco ASA 5545, Palto Alto PA-5220, Panorama, FortiGate-120G, Check point 4600 t-160, Juniper SRX220H
Cisco VCS / Telepresence SX20/80, Cisco CUCM 10.5, Cisco WLC 3540, 5520, 8540,C9800-40-K9, Cisco AIR-AP1562D, Cisco Unity 11.5, AXIS Cameras / Genetec Security Desk System, Aruba AP 515

Software:
Cisco One, REMENDY, SAP, Solar Wind Network Performance Monitor, Network Configuration Manager, TACAS+AAA, Altiris software, VMWare, DNS, DHCP, SSL/TLS, TACACS, RADIUS, Cisco Prime Infrastructure 10.5, HP

Network Node Manager, Service now Service Management, Office 365, Jabber, Webex, Genetc Security Desk, Service Now, IPAM, HPE Aruba Central, HPE Aruba ClearPass

Professional Experience
Senior Network Engineer   May 2021 – November 2024
INSIGHT Enterprise- Texas -Remotely

- Migration of operations systems/platforms from the IT environment to the OT environment for Gibson Oil and Gas and Nortwest Natural Enery
- Work with OT operations to resolve network issues and keep network patched for compliance.
- Confighured, installed, migrated and setup of remote IT/OT remote sites
- Used Aruba ClearPass for third-party integrations and real-time insight of the activity in the network including monitoring for any threats within the network,
- Used Aruba ClearPass to identify IoT devices, surveillance camera, smart phones and laptops connected to the network.
- Used Aruba ClearPass to enforce encryption polices when on boarding devices to the network.
- Knowledge and experience with Aruba switching, wireless, Aruba Central, Aruba Mobility, Aruba Central, Aruba ClearPass
- Knowledge of administration and management of Palo Alto firewalls using centralized Panorama for IT and OT network in the oil and gas networks
- Knowledge of Intrusion Detection and Prevention system, IPsec and Site-to-site VPN tunnels.
- Knowledge in IPsec VPN design connection and protocols, IPsec tunnel configuration, encryption and integrity protocols
- Configured and implemented Remote Access VPN using IPsec
- Create Change Request and worked with OT concerning outages concerning Patch Management of the network
- Knowledge of handling vulnerability Response, Handling , SLAs and Patch Management.
- Knowledge of leveraging advanced firewalls features such as APP-ID, Global Protect, Wildfire, NAT policies and Security Profiles
- Knowledge on configuring, maintaining, patching and monitoring Palo Alto firewall, policies configuration
- Experience creating low-level network design documentation including detailed Visio diagrams
- Setup up network security parameters using 802.1x protocol
- Configuration and troubleshooting Cisco catalyst 6509,7609 with Supervisor cards

- Modified and implement ACL to permit/deny access for group of users
- Configures SNMP v3 on network devices for Science Logic for onboarding
- Strong experience in upgrading Cisco IOS to Cisco NX-OS in Data centers
- Experience in troubleshooting layer 2 and layer 3 networks
- Configuration and management of Cisco Nexus 7000, 5000 and Catalyst 6500, 6800
- Experience implementation layer 3 security through IPSEC tunneling, Acess-lists, NAT preventing layer 2 attacks
- Experience in creating task, handling and resolve tickets using Services Now
- Strong hands-on ticketing tools such as BMC remedy Service Now
- Working knowledge of wireless infrastructure such as Cisco Meraki, Aruba Central, ClearPass Access points monitoring, WLANS, RF tuning and BYOD management

ALS Global Inc- Texas
Global Network Engineer   August 2018 –
May 2021

- Managing and maintaining the ALS Global DMVPN, MPLS and nd Data Center network hardware routers and switches, creating VLANs, DHCP scopes and new IP Structure
- Work on LLD for remote DMVPN/MPLS sites to be migrated into SDWAN
- Configured all company network hardware to be migrated to SDWAN
- Assistance with vendor in troubleshooting traffic flow via Zscaler tunnels and traffic breakout
- Document the Company's network and all remote sites architecture.
- Involved in the team of Data Center Operations to perform duties like administration and deployment of Cisco routers and switches according to the organization requirements.
- Configured and managed Juniper, Checkpoint firewalls to allow and deny access per rule base
- Using Cisco Wireless Controller to setup and management of wireless accounts, vendors, solutions and to configure and install Cisco Wireless Access Points
- Completed configuration and management of Cisco Nexus9K switches for the company Nutanix storage migration Focused the Quality

Assurance team on understanding the strategy behind the work to ensure excellent quality software testing resulting in system availability above 99.7%.

- Project Lead of design, configuration and implementation of new network scheme for new offices and remote start-up sites

- Work with all Network vendors, acquiring quotes and making recommendation for network hardware refresh
- Worked with the data centre planning groups, assisting with network capacity and high availability requirements
- Configure, manage and resolve all Voice gateway and VoIP issues, especially during SDWAN migration.
- Configured and mange company Checkpoint, Juniper and knowledge of Palo Alto firwalls
- Configured, manage and resolve for Global DMVP site routers, VGs and switches.
- Using Cisco Unity to configure, import users from LDAP and manage employee's profile for voice mail
- Configured STP for loop prevention and VTP for Inter-VLAN Routing
- Designed, Installed and configured LAN, WAN management, Internet and network configuration of Cisco Switches, Nexus 9K, 3750X, 2900,3500CX ,VG and ISR4331
- Created Management VLANs, assigned new IP scope and routing for the system team concerning the iDrac and Exagrid Project
- Configured the Fiber ports, 10G and port-channel the Nexus 9K switches for ipv6 port filtering Nutanix storage
- Circuits migrations from old to new routers with proper configuration changes.
- Work with operation teams to perform and troubleshoot data network for a resolution

Senior Network Engineer   July 2018 – August 2018
Orion Marine Group- Texas

- Managing and maintaining the Company's networking systems including, switches, creating VLANs, DHCP scopes and new IP Structure
- Worked remotely with the IT/OT departsment   to troubleshoot network issues
- Asssit Operations team with upgrades, migration and upgrade of the OT network environment.
- Assist with managing, configuring, and maintaining the Company's Cisco VOIP phone system including areas of Cisco Unified Communications Manager and Unity Connection.

- Design, implantation and Management of all external WAN networks for remote network, using AT&T U-110 and 8300AVPN Gateways for cellular only sites
- Document the Company's network and all remote sites architecture.
- Upgrade all IOS cisco networks hardware and managed SMARTnet
- Using Cisco Wireless Controller to setup and management of wireless accounts, vendors, solutions and to configure and install Cisco Wireless Access Points
- Using Genetec Security platform to manage all physical security, access control and cameras
- Completed configuration and management of Cisco Nexus9K switches for the company Nutanix storage migration
- Manage Genetec Security system for all physical access, doors and cameras.
- Project Lead of design, configuration and implementation of new network scheme for new offices and marine start-up sites
- Work with all Network vendors, acquiring quotes and making recommendation for network device and vendor service being provide, to make sure all projects are on schedule from start to complete
- Using Cisco Call Manager to configure, manage and resolve all Voice gateway and VoIP issues
- Using Cisco Unity to configure, import users from LDAP and manage employee's profile for voice mail
- Configured STP for loop prevention and VTP for Inter-VLAN Routing
- Designed, Installed and configured LAN, WAN management, Internet and network configuration of Cisco Switches, Nexus 9K, 3750X, 2900,3500CX and VG2811
- Used Genetec Security Desk and Security Center 5.3 Config Tools to perform diagnostic, access control and access troubleshooting for all area of physical access
- Used Orion SolarWinds NPM to monitor and resolve network devices interface issues
- Used Orion SolarWinds NetFlow to determine the ingress and egress packets utilization to determine Company CoS for AT&T traffic shaping
- Using Cisco WebEx Messenger Administration Tool to setup and modify user for Jabber
- Troubleshooted all Jabber Communication issues
- Created Management VLANs, assigned new IP scope and routing for the system team concerning the iDrac and Exagrid Project
- Complete Security Assessment by creating the default SNMP community string for all devices on the network
- Configured the Fiber ports, 10G and port-channel the Nexus 9K switches for ipv6 port filtering Nutanix storage
- Setup the Alaska project for VSAT, for better bandwidth performance on remote site network for uploading large company files
- Circuits migrations from old to new routers with proper configuration

changes.
- Work with operation teams to perform and troubleshoot data network issues when needed.

Senior Network Engineer   June 2017 – July 2018
Cummins Inc. – North Carolina

- Lead engineer on major projects for the installation, configuration, and troubleshooting of Cisco 7600, 7200, 3800, 3600, 2800, 2600, 2500 and 1800 series Routers, Cisco Catalyst 6500, 4500, 3750, 2950 and 3500XL series switches.
- Problem solved network issues related to IP video multicasting, layer 2 and layer 3 services (VPLS and IES), DHCP issues, remote access, hardware failure and link redundancy.
- Manage firewall/security systems by establishing and enforcing policies, defining and monitoring access
- Work closely with colleagues to meet team goals and improve processes and practices
- Performs network and security hardware and software maintenance
- Troubleshooted voice connection issues through Cisco Call Manager, Cube and voice Gateways
- Worked with on MS Visio, Excel and Word for documentation.
- Created detailed physical and logical network diagrams
- Involved in the team of Data Center Operations to perform duties like administration and deployment of Cisco routers and switches according to the organization requirements.
- Moving data center from one location to another location, from 6500 based data centers to Nexus based data center.
- Worked with the data center planning groups, assisting with network capacity and high availability requirements.
- Managed location specific Cisco ASA Firewalls and data center internet gateway firewalls.
- Configured HSRP between the 3845 router pairs for Gateway redundancy for the client desktops.
- Configured STP for switching loop prevention and VLANs for data and voice
- Configuring port security on cisco switches for protection of the LAN from unauthorized users

Network Engineer   February 2014 – May 2017
HTCS, LLC. – Houston, TX

- Successfully managed the Dimmitt County Justice Department project

to design, install and configure wireless data center and cisco CUCM for VoIP. Project delivered on time, and well below budget.
- Propose hardware/software solutions to clients to accomplish their company business objectives.
- Planned, designed and implementation of Cisco network and Voice system
- Configured 2911 router for Cisco Unified Communications Manager
- Configured Cisco Unity Unified Messaging (Unity Connection)
- Knowledge of Cisco ACD system
- Configured Cisco Voice Gateway (VG224)
- Configured FXO ports for backup access to PSTN over POTS line on Voice Router
- Configured FXS ports for analog stations (phones/fax)
- Installed configured Cisco Wireless Control and Cisco Aironet 2700 access point
- Configured users and phones for Cisco Call Manager Express and Cisco Unity Express
- Configured and setup Dial Plan and Dial Peers on Cisco Call Manager Express
- Management and troubleshooting of media gateways, and IP phones
- Site Telephony Configuration, Device Pool Configuration, DHCP Server Configuration, LDAP System Configuration, Call Routing Configuration, Access List Configuration, Media Resource
- Configuration, Music on Hold Audio Source Configuration, Music on Hold Server Configuration, Device Configuration, Gateway Configuration, Cisco Unified IP Phone Configuration, Trunk Configuration
- Configured Voice Interfaces like FXS, FXO, E&M, ISDN T1/E1 PRI, T1/E1 CAS
- Configuration of Phone Button Template, Soft key Template
- Configuration of User Features such as Speed dial, Call forwarding
- Configuration of XML Service on IP Phones for accessing Internet
- Configuration of soft phone and IP communicators on PCs
- Configured DNS, DHCP, Active Directory, with strong focus on Domain Controller maintenance and configuration for large corporations, including Windows Server 2012.

Network Engineer/System Manager   **May 2009 – January 2014**
DCCS, Inc.

- Configure and manage several HP Pro-Curve 2810 48G switches
- Configure and manage Cisco routers and switches
- Create VLANs, QOS, STP, IGMP, Loop-Protect, Tagged switch ports for VoIP service
- Management of the Layer 2 and Layer 3 switches via SNMP

- Configure and manage DHCP and DNS Server and Created DHCP IP Scope
- Create and manage user accounts and GPO's securities using Active Directory
- Configured and implement VPN, ISDN dial up, Fractional T-1
- Responsible for designing upgrades and implementation of the network
- Installed and configured Screen-OS on Juniper SSG-5 Firewall
- Install, support and maintain network infrastructure
- Installed and manage Symantec Endpoint Protection

Systems Engineer **October 2005 – October 2008**
USDA, Washington, DC

- Used SMS Windows Management instrumentation to determine and troubleshoot any issues pertaining to SMA and VPN clients that have WMI errors, and that fail client installations.
- Used SMS Report Viewer to obtain computers with specific SMS clients for recommended upgrade, software, and hardware updates.
- Installed applications and updates required to execute programs remotely. Included diagnosis and troubleshooting of SMA hardware and software concerns for a work environment of over 5000 end user workstations.
- Maintained Active Directory. Completed set up, maintenance of organizational unit and user accounts. Assigned permissions to local user accounts.
- Configured user account policies, password policies and configured account lock-out policies.
- Installed, configured and supported DHCP, DNS, and GPOs through Active Directory.
- Performed VERITAS Backup and Net Backup to facilities for server backup and recovery.

Senior Network Analyst **December 2003 – October 2005**
Computer Sciences Corporation

- Assigned to Maryland Department of Transportation Headquarters Network Operations Center to provide network support.
- Used several network monitoring tools to analyze network issues including HP OpenView, Orion SolarWinds and HP Insight Manager.
- Completed UniCenter Service Requests (USR) and change order management requests (CCR's).

- Assigned open tickets to track and document resolution of problems with the WAN team.
- Monitored e-mail traffic using the Topper e-mail flow statistics monitoring tool.
- Used Telnet to log into routers and switches to troubleshoot T-1 and T-3 network issues; Also opened and closed ports as needed to facilitate network communication.
- Used Insight Management Console to monitor network switches.
- Configured and provision cisco network devices to replace damaged devices
- Upgrade all IOS cisco networks hardware and managed SMARTnet
- Used SolarWinds to monitor over 100 routers, 200 servers, 650 switches and other network devices for seven state agencies.
- Used Security Device manager to assist in troubleshooting complex network and VPN connectivity issues.
- Used Insight Management Console to monitor network switches.