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|  | Seasoned Engineer with 10+ years of experience in designing, implementing, and securing enterprise networks across WLAN, LAN/WAN, cloud infrastructure, and firewalls. Skilled in Agile methodologies, project management, and team leadership. Adept at troubleshooting complex network issues, leveraging critical thinking to optimize performance and security. Strong communicator with a proven ability to simplify technical concepts for stakeholders and build lasting customer relationships.  Certifications     * PCNSA – Palo Alto Certified Network Security Administrator * AWS – Solutions Architect (Professional) * AWS – Certified Cloud Practitioner * AWS – Solutions Architect (Associate) * CISCO – CCNA Wireless * CISCO – CCNA Routing & Switching * CISCO – CCNA Security * CISCO – CCDA Design   Work History    **Network Engineer**   |  |  | | --- | --- | | Presidio, Remote. | November 2024 - Current |  * Executing a large-scale network refresh project, upgrading and optimizing core and distribution layers across multiple sites using Cisco Catalyst 9300 and 9500 series switches to enhance high-performance switching and automation capabilities. * Designing and implementing a resilient network architecture integrating Cisco Core Routers (ASR Series) for improved WAN connectivity and routing efficiency. * Responsible for leading the migration of network infrastructure from Arista 7050X and 7280R series switches to Cisco Catalyst 9300 and 9500 series platforms across multiple enterprise environments. * Deploying and managing Arista 7050X and 7280 series switches for high-density, low-latency data center networking, ensuring seamless integration with existing infrastructure. * Configuring and securing Palo Alto Next-Generation Firewalls (PA-5250, PA-3220) for advanced threat protection, segmentation, and traffic inspection. * Optimizing and maintaining BGP, and OSPF routing protocols to enhance network stability and scalability across core and distribution layers. * Conducting performance tuning and troubleshooting using network monitoring tools such as Cisco Prime Infrastructure, SolarWinds, and Arista CloudVision to ensure network reliability. * Supported both core and access layer transitions, enhancing network performance, scalability, and supportability across data center and branch locations. * Developing and enforcing best practices for VLAN segmentation, STP optimization, and QoS policies, ensuring a robust and efficient network architecture.     **Network Engineer**   |  |  | | --- | --- | | Pace University, New York, NY. | May 2024 –  October 2024 |  * Led SD-WAN and Cisco 9300 network refresh, integrating Cisco Meraki, DNAC, and Prime for enhanced performance and security. * Conducted wireless site surveys with Ekahau Pro, optimizing Wi-Fi coverage across Pace University Campuses. * Coordinated migration efforts with cross-functional teams, leveraging Cisco Meraki for cloud-managed networking and minimal downtime. * Configured and deployed Cisco 9300 switches and Meraki devices, optimizing efficiency and scalability. * Utilized Cisco DNA Center (DNAC) for automation, assurance, and policy implementation. * Utilized Arista CloudVision Portal (CVP) to monitor switch health, gather configuration baselines, and track compliance prior to replacing EOL Arista 7050X series switches. * Performed network assessments with Cisco Prime, identifying and mitigating vulnerabilities pre-migration. * Managed configurations and firmware updates using DNAC and Prime, ensuring compliance. * Analyzed and translated Arista EOS configurations into Cisco IOS-XE for accurate migration to Cisco Catalyst 9300, ensuring consistent VLAN, spanning tree, and routing behavior. * Troubleshot and resolved post-migration issues with Meraki monitoring tools for seamless integration. * Implemented VPN, ACLs, and IPS/IDS security using Meraki's cloud-based features during migration.     **Network Engineer**   |  |  | | --- | --- | | IU Health, Indianapolis, IN. | March 2023 –  May 2024 |  * Collaborated with cross-functional teams to implement wireless migrations, leveraging Ekahau's predictive modeling and real-time survey tools to address RF interference, signal strength, and channel optimization. * Implementing and maintaining firewall rules using Palo Alto firewalls, effectively safeguarding IU Health's network infrastructure against external threats and ensuring compliance with industry security standards. * Led the migration of legacy DNS/DHCP services to Infoblox appliances across multiple data centers, reducing DNS resolution times by 20% and enhancing network security through advanced IP address management. * Translated configurations from Arista EOS to Cisco IOS-XE, covering routing protocols such as OSPF and BGP, VLANs, port-channeling, and access policies. * Conducted pre- and post-migration validation using CloudVision telemetry, ensuring seamless transitions with no policy drift or service disruption. * Traveled extensively to multisite to deploy and configure hardware stacks, ensuring seamless integration with existing network environments. * Led a successful network refresh migration project at IU Health, overseeing the transition from CISCO 3850 and 4500 switches to state-of-the-art CISCO 9300 and 9400 switches, resulting in enhanced network performance, scalability, and reliability. * Managed the decommissioning of Arista 7280R series switches using Arista CloudVision to extract running configurations and device inventory tied to lifecycle replacement planning. * Led a comprehensive migration project at IU Health, overseeing the deployment of Meraki MS210 and MS450 switches and MR42 wireless access points, ensuring a seamless transition from legacy infrastructure to advanced cloud-managed solutions.     **Network Engineer**   |  |  | | --- | --- | | Baxter Healthcare, Remote. | February 2022 - February 2023 |  * Led the migration of network infrastructure from legacy Cisco Nexus 5000 and 7000 series switches to the latest Nexus 9300-GX2 series from 2021 to 2023, enhancing network capacity and reliability. * Successfully executed the migration of existing infrastructure to Meraki devices, minimizing downtime and facilitating a seamless transition to cloud-managed wireless access points, switches, and security cameras. * Analyzed and validated wireless infrastructure performance post-migration, utilizing Ekahau and Air Magnet to identify and resolve coverage gaps, dead zones, and signal inconsistencies. * Performed hardware staging, implementation, and cutover activities, ensuring minimal downtime and full operational validation post-migration. * Troubleshot infrastructure using NetScout tools to enhance network troubleshooting capabilities, promptly identifying and resolving connectivity issues to maintain seamless operations within Baxter Healthcare's highly regulated environment. * Designed, implemented and resolved ticket-based requests for internal and external customers using advanced monitoring and troubleshooting tools such as CISCO ISE, Wireshark, Fortinet, Palo Alto, Perimeter and PAN-OS.     **Network Engineer**   |  |  | | --- | --- | | Change Healthcare, Remote. | August 2019 - February 2022 |  * Configured and managed Infoblox Grid Master and member appliances, ensuring high availability and redundancy for critical network services across geographically distributed sites. * Provided configuration and support for Cisco Meraki MR42, MR53, MR73 Access Points. * Conducted site surveys and collaborated with IT teams to strategically place Meraki MR access points, optimizing wireless connectivity for employees and guests. * Transitioned critical core infrastructure from Arista EOS to Cisco Catalyst 9500, replicating complex BGP and OSPF configurations with minimal downtime. * Migrated Legacy Checkpoint 77.30 Firewall policies to Palo Alto 7000 Series using PAN-OS 9.1, resulting in improved security posture and operational efficiency. * Designed, troubleshooted and resolved ticket-based requests for internal and external customers using monitoring and troubleshooting tools such as CISCO ISE, Wireshark, and PAN-OS. * Built Firewall policies using GitLab and Visual Studio Code to implement in the Client Cloud Environment on PAN-OS, and on-prem environment using Cisco ASA & Firepower, Palo Alto, and Checkpoint Enterprise Firewalls - this resulted in streamlined policy management and enhanced network security.     **Wireless Network Engineer**   |  |  | | --- | --- | | Adventist HealthCare, Orlando, FL. | January 2019 –  July 2019 |  * Conducted regular Infoblox DDI health checks and audits, identifying and resolving configuration issues that improved overall system performance and reduced downtime * Developed and implemented Infoblox DHCP policies and scopes, optimizing IP address utilization and ensuring seamless IP address assignment for over 10,000 network devices * Provided onsite installation and operational support for LAN and WLAN as part of a wireless remediation effort for Cisco 5500 series WLAN Controllers, Meraki MR20 and MR42, Cisco 3800 Access Points, and Cisco 9300 Switches * Troubleshot latency and network congestion issues using Wireshark * Planned and coordinated all network upgrades with hospital staff and major carrier vendors including SBC, AT&T, Sprint, and Cox Comm     **Network Engineer**   |  |  | | --- | --- | | World Wide Technology, Remote. | June 2018 - December 2018 |  * Led the migration refresh of live remote B2B VPN Clients to the Headend FirePower 4120 in each Datacenter, as a part of a Network migration and upgrade remediation project * Implemented Zone Based Firewalls and Security Rules on Checkpoint, Palo Alto, and Perimeter Firewalls, utilizing PAN-OS Task Manager for efficient management * Utilized Wireshark for troubleshooting latency and network congestion issues, and successfully resolved complex network issues     **Network Engineer**   |  |  | | --- | --- | | Harris Corporation, Melbourne, FL. | August 2016 –  June 2018 |  * Tier 3 resource for resolving escalated ticketing Checkpoint, PAN-OS client firewall application access-based issues * Provided maintenance and support for 70+ Cisco 2900, ASR 5000, ISR 4431 Series routers, 300+ Cisco 2960, 4500, Nexus 7k & 9k switches, and Fortinet Firewalls * Investigated, documented, and gathered information on firewall security recommendations to protect network infrastructure * Employed CloudVision’s rollback and change control features to ensure safe migration, full traceability, and post-migration stability in healthcare network environments. * Implemented and managed IP schemas, DHCP, and DNS using monitoring/tracking tools, Infoblox and Cisco ISE, Prime Infrastructure * Designed and implemented a robust automation script using Bash and Python to expedite network configuration tasks, including automated provisioning of VLANs, IP addresses, and routing protocols on Linux-based network devices     **Network Engineer**   |  |  | | --- | --- | | DCMA, Orlando, FL. | January 2013 –  July 2016 |  * Designed, built out and provided operational support of DCMA's LAN/WAN, including provider provisioning and equipment procurement for a company of roughly 1000 employees, supporting the Department of Defense * Configured and Maintained FortiGate 1500D Firewall * Configured and installed stackable 3750E, 3750G, 4507-RE and Core 6509E, Cisco switches * Performed, Catalyst 4500 (IOS 12.2, Sup 4) to (IOS 15.2, Sup 7E) core upgrades * Maintained applications to keep software current with necessary software updates and upgrades     Education     |  |  | | --- | --- | | . |  |   ITT Technical Institute, Chicago, IL |  |  | **Skills**    **Networking & Infrastructure**  **Networking & Infrastructure**     * **Wireless Network Design** (Cisco, Meraki) * **Wireless Network Design** (Cisco, Meraki)      * **Data Center Architecture** (Cisco Nexus 5K/7K/9K, Catalyst 6509) * **Data Center Architecture** (Cisco Nexus 5K/7K/9K, Catalyst 6509)      * **WAN/LAN Technologies** (TCP/IP, BGP, OSPF, EIGRP) * **WAN/LAN Technologies** (TCP/IP, BGP, OSPF, EIGRP)      * **SD-WAN** (Cisco Viptela, VEdge-1000/2000/5000) * **SD-WAN** (Cisco Viptela, VEdge-1000/2000/5000)      * **Network Security** (Intrusion Mitigation, VPN IPsec/SSL, SSH) * **Network Security** (Intrusion Mitigation, VPN IPsec/SSL, SSH)     **Hardware & Devices**  **Hardware & Devices**     * **Routers:** Cisco (7200, 3900, 2900, 1900 Series) * **Routers:** Cisco (7200, 3900, 2900, 1900 Series)      * **Switches:** Arista CloudVision, Cisco (9300, 9500, Catalyst, Nexus), Dell (N3200, 1018, 1026 Series) * **Switches:** Cisco (9300, 9500, Catalyst, Nexus), Dell (N3200, 1018, 1026 Series)      * **Firewalls:** Palo Alto, Cisco ASA, FortiGate, Check Point * **Firewalls:** Palo Alto, Cisco ASA, FortiGate, Check Point      * **WLAN:** Cisco 5500 Series Controllers, MR20/MR42/3600 Access Points * **WLAN:** Cisco 5500 Series Controllers, MR20/MR42/3600 Access Points     **Network Tools & Security**  **Network Tools & Security**     * **Monitoring & Management:** Cisco DNA, SolarWinds, Netcool, Splunk, PRTG * **Monitoring & Management:** Cisco DNA, SolarWinds, Netcool, Splunk, PRTG      * **Security & Compliance:** Tufin Orchestration Suite, STIGs, Wireshark * **Security & Compliance:** Tufin Orchestration Suite, STIGs, Wireshark      * **Documentation:** Microsoft Visio, AutoCAD * **Documentation:** Microsoft Visio, AutoCAD     **Automation & Scripting**  **Automation & Scripting**     * **Programming & Automation:** Python, Ansible, CI/CD * **Programming & Automation:** Python, Ansible, CI/CD      * **Version Control & DevOps:** GitHub, GitLab * **Version Control & DevOps:** GitHub, GitLab      * **OS & Networking:** Linux, Windows, Juniper & Cisco IOS * **OS & Networking:** Linux, Windows, Juniper & Cisco IOS     **Other Skills**  **Other Skills**     * **Network Deployment:** Racking, Stacking, Cabling, Equipment Management * **Network Deployment:** Racking, Stacking, Cabling, Equipment Management      * **Platforms & Tools:** Spectrum, Novum * **Platforms & Tools:** Spectrum, Novum      * **Compliance & Documentation** * **Compliance & Documentation** |  |