

Senior Solutions Engineer

CCIE #24074, CISSP #83194, CCDP, CCNP, MCSE, MCNE

Senior network engineer responsible for providing tailored network design, implementation and optimization solutions aligned with functional business process objectives. Extensive technology integration and troubleshooting experience in complex and challenging environments.

CISCO PRODUCT EXPERTISE

- Cisco Firepower Threat Defense
- Cisco Firepower ASA
- Cisco Umbrella Open DNS
- Cisco Adv. Malware Protection
- Cisco Next Generation IPS
- Cisco IronPort Web Security
- Cisco IronPort Mail Security
- Cisco Access Control Server
- Cisco Identify Services Engine
- Cisco IPSEC, SSL VPN, WebVPN
- Cisco IOS Routers
- Cisco Nexus Switches
- Cisco Catalyst Switches
- Cisco Meraki Firewalls
- Cisco Content Security Management

PROFESSIONAL HISTORY

NWN Corporation – Houston, TX

Nov 2011 – Aug 2019

Sr. Solutions Engineer

- Configure, integrate and optimize Cisco Umbrella, and WSA appliance deployments.
- Deploy Adv. Malware Protection for Endpoints, Network and Content solutions.
- Migrate complex Cisco ASA firewall configurations to Firepower Threat Defense.
- Configure and deploy Firepower management center virtual appliances.
- Cisco security product POV's and pre-sales use case demos over WebEx.
- Deploy Cisco Nexus 7K and 9K core switches in support of DC upgrades.

Network Design Services Inc. – Houston, TX

Feb 2001 – Nov 2011

Sr. Network Engineer

- Configure and integrate Cisco IronPort Web Security appliances.
- Configure and integrate Cisco IronPort Email Security appliances.
- Configure and integrate Cisco IPS appliances.
- Configure and integrate Cisco NAC appliance in layer 2 OoB mode.
- Configure and integrate Cisco NAC appliance in layer 3 mode.
- Combine several datacenter networks in support of post merger integration.

- Perform exhaustive pre-merger integration analysis and network design.
- Design and deploy US domestic WAN based on IPSEC VPN's.
- Design US domestic OSPF routing protocol architecture.
- Design and deploy global Cisco ASA 5550 SSL VPN solution housed within two global DC's.
- Team lead on global AT&T MPLS VPN backbone deployment canvassing seven hundred locations.
- Design and deploy highly redundant 10GB Ethernet switching core in corporate datacenter.
- Work as a solutions consultant helping business units in the selection, evaluation and deployment of strategic cost savings partner extranet VPN connections.

Southdown- Houston, TX

Aug 1998 – Jan 2001

Consultant

- Migrated 18 Novell Netware 4.11 servers to Microsoft 4.0 master domain model.
- Migrated organization from MS mail to MS Exchange.
- Designed and implemented Cisco multilayer switching architecture to replace legacy flat networks.

EDUCATION

Lone Star College – Houston, TX

Associates degree in Computer Hardware

CERTIFICATIONS

- Cisco Certified Internetwork Expert (CCIE) Enterprise Infrastructure
- Certified Information Systems Security Professional (CISSP)
- Cisco Certified Design Professional (CCDP)
- Cisco Certified Network Professional (CCNP) Security
- Cisco Certified Network Professional (CCNP) Enterprise Infrastructure
- Cisco Certified Specialist Enterprise Advanced Infrastructure Implementation
- Cisco Certified Specialist Enterprise Core
- Cisco Certified Specialist Enterprise Design
- Cisco Certified Specialist Network Security Firepower
- Cisco Certified Specialist Network Security VPN Implementation
- Cisco Certified Specialist Security Core
- Cisco Certified Specialist Security Identity Management Implementation
- Cisco Certified Specialist Web Content Security
- Microsoft Certified Systems Engineer
- Novell Master Certified Netware Engineer (MCNE)