

Matthew Taylor

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Network & Security Infrastructure | Active Top Secret (TS) Security Clearance

Summary

Network and security infrastructure professional with 7+ years of U.S. Air Force and enterprise experience, an active Top Secret clearance, and end-to-end ownership of a multi-site enterprise network. Design, implement, and secure multi-site networks end to end—Cisco and Juniper routing and switching, next-generation firewalls (FortiGate, SonicWall) with IPS and SSL inspection, IPsec/SSL VPN, and Meraki wireless—with Python/PowerShell automation and full topology and IP documentation.

Experience

Roybal Mack & Cordova, PC **IT Specialist**

Albuquerque, NM
Nov 2025 – Present

- Designed and deployed the remote-office networks and connected two remote offices to headquarters via site-to-site IPsec VPN tunnels between SonicWall edge firewalls and the central FortiGate; authored the IP addressing schema and network topology documentation
- Administer next-generation firewall (FortiGate) policies and centralized logging across the multi-site enterprise; optimize rule sets for least-privilege access, security monitoring, and threat detection
- Deployed Fortinet SSL VPN integrated with SSO for identity-based remote access for hybrid staff
- Configured FortiGate IPS security profiles and SSL inspection to deliver next-generation firewall protection at the network edge
- Maintained secure access to legacy resources during the transition by building a site-to-site tunnel to the prior MSP's file server
- Built out the office network rack and structured cabling plant end to end, terminating 48+ runs in 2 days with labeled, professionally managed cable paths
- Migrated unmanaged machines to the domain to centralize endpoint management; configured a Remote Desktop Services (RDS) environment with FSLogix for remote users
- Created Group Policy Objects that enforce access controls across all domain-joined machines
- Enforced identity-based access controls through Microsoft Entra MFA and SSO across all firm applications
- Cut computer deployment time by building a PXE/FOG imaging server with a standardized golden image and Python/PowerShell automation for post-image configuration
- Migrated the firm from Folder Redirection to OneDrive Known Folder Move
- Administer, monitor, and troubleshoot the firm's RingCentral VoIP platform across four offices, including user provisioning and call routing
- Serve as the escalation point for complex network and system issues for 70+ users across four offices

U.S. Air Force Reserve, Peterson SFB **Cyber Defense Operations Specialist**

Colorado Springs, CO
May 2025 – Present

- Maintain and secure local network infrastructure and wireless communications; administer Cisco Meraki switching and wireless devices and process network access requests
- Perform vulnerability scanning with ACAS and apply patches, hotfixes, and security configurations across USAFR network devices and systems

- Manage Active Directory accounts, group policies, and access permissions

SNC (Sierra Nevada Corporation), Cannon AFB

Clovis, NM

SkillBridge Field Service Technician

Mar 2025 – May 2025

- Installed and terminated fiber, RJ45, and coaxial cabling on U-28 Draco aircraft
- Maintained radio and satellite communication systems for reliable voice and data transmission

U.S. Air Force, Cannon AFB

Clovis, NM

Cyber Defense Operator Craftsman

May 2019 – May 2025

- Configured and troubleshoot Cisco and Juniper routers and switches—VLANs, trunking, routing, and ACLs—on secure and non-secure networks, applying NSA-approved encryption practices
- Deployed satellite deployable nodes that provided secure and non-secure voice, video, and data communications
- Operated the iGov TACLAN system with SDN to support communication lines for deployed MQ-9 operations
- Hardened Windows Server systems to Security Technical Implementation Guide (STIG) configuration baselines and maintained compliance through routine patching and change control
- Supported network and system administration for a 1,000+ user enterprise environment
- Managed the IT equipment account (ITAMS) for 4 years

Education, Training & Certifications

Community College of the Air Force

- Cyber Network Specialist Craftsman School
- Cyber Network Specialist Apprenticeship School
- Airman Leadership School

Certifications: CompTIA Security+; Information Assurance Technical (IAT) Level II

Technical Skills

Core Networking: TCP/IP; subnetting; DNS/DHCP; VLANs/802.1Q trunking; static/dynamic routing (OSPF, BGP); NAT/ACLs; spanning tree; wireless networking

Network Security & Platforms: next-generation firewalls (Fortinet FortiGate, SonicWall); Cisco IOS/Meraki; Juniper; site-to-site IPsec/SSL VPN; firewall policy optimization and logging; identity-based access (Entra MFA/SSO); network design and documentation (topology diagrams, IP address management, configuration baselines); structured cabling/fiber; satellite communications

Systems & Cloud: Active Directory/Group Policy; Microsoft Entra (Azure) identity; Windows Server; Red Hat Linux; PXE/FOG imaging; OneDrive KFM

Security Tools: ACAS; Tanium; STIG compliance

Automation & Scripting: Python; PowerShell (configuration, deployment, and network automation tasks)

Communications: VoIP administration (RingCentral—provisioning, call routing, troubleshooting); tactical SATCOM; TACLAN