

Kevin Teeling

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Senior Infrastructure & Security Engineer

Experienced engineer with demonstrated ability to design and implement resilient and performant systems. Successful track record of improving team practices and environments. Broad base of knowledge with areas of deep specialization.

SKILL SET

- **Certifications:** Microsoft Azure Security Engineer, GIAC Cloud Security Essentials, GIAC Cloud Security Automation
- **Server & Operating Systems:** Windows Server 2003-2019, Windows XP-10, Cisco UCS, Linux (RHEL)
- **Cloud/Virtualization:** VMWare, Azure, Hyper-V, Office365
- **Scripting:** PowerShell, VBScript, Python
- **Microsoft Infrastructure:** Active Directory, Group Policy, SCCM, IIS, SQL Server
- **Storage & Backup:** Veeam, Nimble, Commvault, HPE StoreVirtual
- **Monitoring & Remote:** Solarwinds Orion, Zabbix, Splunk
- **Networking:** TCP/IP, Cisco routing/switching, Cisco ASAs, Cisco Mobility Express, Fortigate firewalls

PROFESSIONAL EXPERIENCE

Senior Information Security Engineer • Wells Fargo (Apr. 2022 – Present)

Security systems engineer on team owning cryptography tools and infrastructure. Responsible for design, automation, and maintenance of cryptographic infrastructure. **Environment:** Windows and Linux servers, SQL databases, and cryptography appliances across multiple data centers.

Projects:

- Piloted cloud CI/CD environment for large-scale deployment of tools.
- Built automated tooling for application deployment and configuration drift management.
- Enhanced monitoring and reporting capabilities for internal tools and processes.
- Produced comprehensive documentation and swiftly resolved critical compliance issues.
- Optimized team procedures to streamline compliance and deployment operations.

Senior Systems Engineer • WebPT (Jun. 2020 – Apr. 2022)

Engineer on infrastructure team supporting customer-facing web apps. Responsible for maintaining uptime and performance with focus on automation, reliability, scalability, and modernizing legacy infrastructure. **Environment:** Windows 2008-2016 systems on mix of physical and virtualized (VMWare) servers in 2 data centers.

Projects:

- Rebuilt VMware environment (compute, storage, networking, and virtualization layers) to increase resiliency and performance while removing legacy tech debt.
- Redesigned Active Directory infrastructure to modernize legacy platform and remediate security vulnerabilities.
- Built a new VDI environment in Azure, increasing security while freeing on-prem resources for production.
- Designed and implemented Veeam backup solution. New design improved backup reliability and integration with VMware platform while tripling the number of backed-up systems from the legacy solution.

Network & Systems Engineer • Kitchell (Sep. 2018 – May 2020)

Engineer on infrastructure & ops team in transformation to enterprise posture. Designed and implemented infrastructure solutions to drive substantial improvements in performance, security, and resilience. **Environment:** Windows 2003-2016 on physical and virtual (VMWare/Hyper-V) servers in 2 data centers and Azure.

Projects:

- Designed and built Nimble storage solution after catastrophic SAN failure. New design improved performance, added redundancy and replication, and consolidated storage from several aging devices.
- Designed and implemented Veeam backup solution. New design improved backup time, cut recovery time from weeks to hours, and substantially reduced costs over previous Commvault solution.
- Redesigned remote office network standards. New standard enhanced security, connectivity, and configurability.
- Designed and completed first-ever DR of critical ERP system. Completed backup tests on premise and in Azure.

Systems Engineer • Various Contract Roles (Aug. 2017 – Jul. 2018)

Engineering resource for various infrastructure teams, with focus on Windows/VMware environment, including AD, GP, DNS, and SCCM. Responsible for transitioning assets and building new systems as well as Tier 3 support. **Environments:** Windows 2012-19 systems on virtualized (VMWare/Hyper-V) servers. Networks included multiple clusters and locations.

Projects:

- Built new VMware clusters on HPE servers/SANs and migrated VMs from legacy equipment.
- Comprehensive review of systems configuration. Built scripts for discovery, maintenance, and upgrades. Updated documentation; recommended and implemented fixes and reconfigurations as needed to address issues.
- Built Infoblox environment for Microsoft-integrated DNS/DHCP/IPAM.
- Assisted in SCCM environment build. Configured SCCM distribution points and applications for deployment.

Systems Engineer • BGRS (Apr. 2015 – Jul. 2017)

Infrastructure engineer focused on administration, including patching, monitoring, troubleshooting, and performance analysis. Maintained Windows infrastructure, including AD, GP, and DNS. Supported middleware and server environments and served as SME for several line-of-business applications. Handled support at Tier 3 level. **Environment:** Windows systems (2003-2012) on primarily (95%) VMWare servers. Network included multiple forests and domains across several international locations.

Projects:

- Led project team to revamp patching procedure:
 - Established effective baseline for patching and eliminated several redundancies in our SDLC environments.
 - Increased patching success rate to 99% from 50% while reducing downtime from 60 to 10 hours.
 - Reduced patch-related server vulnerabilities by 80%.
- Key contributor to successful DR, achieving complete permanent failover to secondary datacenter for first time. Found and fixed several problems that were preventing complete success. Significantly improved documentation, processes, and scripts, which helped lead to 80% reduction in time needed to DR and remediation of issues.
- Implemented LAPS, AGPM, and ManagEngine Password Vault for increased security controls.
- Upgraded several applications and supporting infrastructure, leading to better performance and DR capability.
- Built and improved several scripts and tools to enhance automation of critical and/or redundant tasks.

Network Operations Engineer • All Covered (contract, Dec. 2014 – Apr. 2015)

Supported client IT environments for national MSP. Proactively resolved alerts for system issues. **Environment:** Supported primarily Windows 2003-2012 systems and various network infrastructure on physical and virtualized networks.

Accomplishments:

- Team leader in KPI of average alerts handled.

Systems Analyst • Tempe Union High School District (Jul. 2013 – Oct. 2014)

Desktop support and junior admin for district of 13,000 students and 1300 staff. Supported users directly and other technicians as Tier 2. Helped maintain and update systems and network. Contributed on special projects. **Environment:** Supported full range of desktop and infrastructure issues. 85% Microsoft systems (2008-12, Windows 7, AD) with mix of physical and VMware servers. Network included 7 campuses, district office and data center.

Projects:

- Migrated bookstore infrastructure of 30+ PCs and 6 servers to single terminal server based system. Upgraded bookstore PCs from Windows XP to Windows 7 and deployed necessary software through batch scripting.
- Deployed and imaged several large computer labs totaling over 800 machines using WDS and SCCM to image and deploying software packages through batch/VBScript.
- Restored file and print services at one campus after catastrophic server failure. Rebuilt print/file server in vCenter and redeployed file permissions and printers through group policy.
- Identified network policy server issue causing sporadic wireless disconnections and found workaround fix.