

Kristopher Scheuer

Results-driven Systems Engineer with a proven track record in designing and implementing secure cloud infrastructures and leading teams in complex IT environments.

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Security Clearance: **Active Secret**

EXPERIENCE

Systems Engineer, San Diego — *US Marine Corps*

February 2021 - PRESENT

-Designed and implemented a private cloud infrastructure using VMware's vSphere Hypervisor, achieving a 50% reduction in mean time to recovery.

- Installed, maintained, and administered over 30 virtual operating systems, including Microsoft Windows Server and Red Hat Linux, ensuring critical services remained available to users with an uptime of 99.999%.

-Conducted comprehensive vulnerability scans and assessments, creating custom dashboards to visualize data for informed decision-making by leadership regarding network security. Achieved a 30% reduction in identified vulnerabilities within the first six months.

-Led a team of system administrators in implementing over 2,000 DISA Secure Technical Implementation Guidelines, ensuring all servers and networking devices were hardened, minimizing the potential attack surface. Resulted in a 75% decrease in security incidents.

-Developed a Python script for system health checks, scheduled to run on all servers. This script proactively identified components approaching failure, contributing to meeting the 99.999% availability requirements. Reduced unplanned downtime by 15%.

-Assisted in deploying a standardized network device configuration template to 100% of devices, simplifying network management and enhancing security by ensuring only necessary configurations were present. Resulted in a 90% reduction in configuration errors within the first month.

-Collaborated with VMware customer support and system architect to restore all but 1 virtual machine following a major server failure that caused multiple virtual machines to be destroyed

-Automated user account provisioning from an Excel file provided by the ISSM, freeing up junior system administrators for other tasks and reducing the risk of provisioning errors. Reduced account provisioning time from 1 - 2 hours to approximately 3 minutes.

-Led a team of network and system administrators in a device upgrade, introducing newer routers, switches, and cables into the data center with 0% downtime. Resulted in a 20% improvement in network speed.

-Managed the day-to-day operations of the Data Center, overseeing 16 System Administrators and 10 Network Administrators. Demonstrated effective time and personnel management to ensure timely completion of all tasks. Achieved a 20% increase in operational efficiency.

Certifications

CompTIA Security+
GHMYJ80FKHF41BKN

Cisco Certified Network Associate (CCNA)
123456789101112

VMware Certified Professional - Data Center Virtualization (VCP-DCV)
VMW-03213995Y-03150466

Linux Professional Institute - Essentials
445082347

Certificates

Python for Everybody

Google IT Automation with Python

Configuration Management and the Cloud

Databases and SQL for Data Science

Troubleshooting and Debugging Techniques

Responsive Web Design

Python for Data Science, AI and Development

Education

Western Governors University
B.S. Software Engineering - (In Progress)

EXPERIENCE

Systems Administrator, Okinawa, Japan — US Marine Corps

June 2015 - February 2021

- Analyzed vulnerability scan results, achieving a remarkable 90% mitigation of vulnerabilities within 24 hours of discovery by deploying software updates and creating group policy objects within Active Directory. This swift response significantly enhanced the network's security posture.
- Contributed to the development and deployment of standardized Windows images across the network using Microsoft's Windows Deployment Server (WDS). Ensured a secure baseline for all machines, resulting in a streamlined user experience.
- Managed a Microsoft Exchange Server on a classified network, enforcing governmental data retention policies. Ensured equitable utilization of mailbox servers.
- Configured and administered Microsoft's ECM/SCCM Management Point and Distribution Points, automating the deployment of new software. This initiative provided users with efficient access to required applications, resulting in a 20% improvement in overall operational effectiveness.
- Managed Host-Based Firewalls, Data Loss Prevention, and Antivirus using McAfee's ePolicy Orchestrator. Achieved a 40% reduction in the attack surface of the network, enhancing end device security and safeguarding against potential threats.
- Configured and integrated Local Admin Password Solution (LAPS) with Active Directory, automating bi-weekly changes to local admin passwords on end devices. This proactive measure resulted in a 50% decrease in potential vulnerabilities from compromised devices.
- Developed a PowerShell script to scan user accounts, disabling those inactive for over 30 days and flagging accounts inactive for 60 days for deletion. Automated email notifications with a CSV containing disabled or flagged accounts, facilitating leadership review prior to deletion. Achieved a 30% reduction in inactive accounts.
- Conducted a comprehensive network device scan using vulnerability scanners, Cisco's CDP Protocol, and other network enumeration tools to monitor for rogue access points. Strengthened network security by proactively identifying and addressing 15 potential vulnerabilities.
- Coordinated with branch offices, ensuring informed decision-making and proactive communication regarding crypto rollover and troubleshooting GRE tunnels for new branch onboarding. Contributed to a 25% reduction in response time for branch-related issues.

Skilled In

Cisco Routing and Switching
Microsoft Server 2019, 2012r2
VMware vSphere / ESXi
RedHat Enterprise Linux - RHEL 7
Tenable ACAS , Nessus | SIEM
Microsoft ECM / SCCM
Active Directory
Powershell Scripting
BASH Scripting
Python Scripting and Development
Domain Naming Server - DNS
Group Policy - GPO
DHCP
Vulnerability Assessment
SQLite
Data Visualization

Soft Skills

Complex Problem Solving
Analytical / Critical Thinking
Troubleshooting
Collaboration / Teamwork
Adaptability
Time Management
Ethical Judgment
Customer Service
Initiative
Leadership