TOM SIMON

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WINDOWS SYSTEMS ENGINEER

- **Skilled systems engineer** with **30+ years** in creating technical solutions for industry leaders
- Expert in the **design and configuration** of systems to drive technical innovation
- Proficient in **determining system requirements and resolving technical issues** quickly
- Effective **mentor** in conveying **principles of stability and security** in ambiguous environments
- **Outstanding communication skills** and able to understand business requirements

CORE COMPETENCIES

- Windows Server
- Active Directory
- MECM/SCCM

- Azure & VMware
- Change Management
- Tier 3/4 Support

- Troubleshooting
- PowerShell Scripting
- Top Secret/SCI

PROFESSIONAL EXPERIENCE

Jacobs ♦ Tampa, FL
Sr. Systems Engineer ("Systems Analyst")   **July 2023 - Present**
USSOCOM SITEC II contract, MacDill Air Force Base

- Mentored team of twelve systems engineers and oversaw their enterprise application deployments
- Performed QA to ensure PowerShell scripts and MECM/SCCM applications are configured correctly
- Deployed Azure virtual machines and provided Azure government tenant administration
- Scripted deployment solutions and ran Tenable Nessus ACAS scans on Azure and VMware

BizFeats Consulting ♦ Lakeland, FL   **Feb 2022 – June 2023**
Chief Engineer
Various Fortune 500 contracts

- Tier 3 Support of Active Directory/Group Policies/SCCM, EDR Security, Mission Critical Apps
- Led enterprise software projects using custom PowerShell scripts and ensured compliance
- Enhanced and supported VEEAM backup platforms and VMware platforms
- Designed and built locked down custom PHP/JavaScript and WordPress websites

Castalia Systems ♦ Tampa, FL   **Dec 2020 – Feb 2022**
Systems Engineer
DISA/Air Force/Trace Systems & Space Force/MPE-S/Raytheon (contracts ended)

- Systems engineering focus on the design, testing and implementation of lab services in a DoD VMware/Active Directory DNS/DHCP/Exchange multi-LAN/complex national WAN environment
- Worked within Agile framework to provide test plans, build plans and service design
- Built/owned Microsoft MECM/SCCM platform & coded custom PowerShell scripts
- Configured and deployed McAfee ePO Server/SQL Server in highly locked down network
- Mitigated Information Assurance Vulnerability Management (IAVM) vulnerabilities

Zigabyte Corp ♦ Tampa, FL   **May 2020 – Dec 2020**
Senior Consultant (USSOCOM contract ended)

- Active Roles Engineer supporting two ARS platforms with 300,000+ active objects
- Scripting workflows in PowerShell with Active Directory services
- Management/implementation of synchronization with cloud service offerings

Novetta Inc ♦ Tampa, FL   Jan 2018 – May 2020
Windows Engineer (US Air Force contract ended)

- Provided primary Active Directory, VMware & IAVM support for the SAF/AA in DOD's Center of Excellence for Applied Research and Development, Intelligence Systems Support Office (ISSO)
- Primary engineer for Group Policies, DFS, SCCM/MECM, Scripting and Multi-Factor Authentication
- Managed servers and applications on three networks under multiple accreditations
- Automated and increased efficiency of many procedures using PowerShell scripting

CACI International ♦ Reston, VA   Jul 2016 – Jan 2018
Senior Principal, Systems Administrator

- Tetra Tier 3 O&M support of a global infrastructure using Microsoft Windows Server, VMware, Citrix XenDesktop VDI, NetApp storage, HP blades and Cisco UCS 5108/B200 M4 platform
- Submission and shepherding of change management requests to maintain strict schedule

Amazon Web Services ♦ Herndon, VA   Oct 2013 – July 2016
Manager and Support Engineer IV, Technology Operations

- Formed, hired and managed a new team of engineers responsible for maintaining Windows servers running critical infrastructure applications in Amazon's global data centers
- Tasked employees with projects and daily assignments to meet business requirements
- Created processes where tribal knowledge existed and held teams accountable
- Served as approver on change management team and chaired meetings as needed
- Led major initiatives to enhance platform and increase integrity such as patching/backing up servers responsible for monitoring cooling, power and temperatures in global data centers
- Generated monthly metrics for senior management, justifying additional headcount
- Standardized monitoring platform, reducing complexity and improving response
- Installed/hardened/maintained Windows Server 2008 R2/2012 servers for Controls team

DigitalGlobe ♦ McLean, VA   Jul 2011 – Jun 2013
Senior Manager, Value Added Production Support

- Managed server and network infrastructure for GeoEye Analytics in Virginia while simultaneously serving as Manager of Value Added Production Support group for DigitalGlobe in Colorado
- Managed integration of servers, network and desktops of SPADAC into GeoEye infrastructure
- Helped coordinate physical move of GeoEye Analytics infrastructure to DigitalGlobe office
- Fully supported Windows, VMware and Linux servers and maintained Cisco hardware
- Served as ISSM overseeing ISSO and achieved ATO certification for multiple systems
- Served on change control board and committees to approve company-wide IT initiatives

SPADAC Inc ♦ McLean, VA   Sep 2005 – Jul 2011
Director, Information Technology

- Architected and created entire network and server platform from ground up
- Set up Cisco switches and router, firewalls and VoIP at local and Tampa locations and provisioned VPNs between multiple corporate locations maintaining near 100% uptime

- Installed and maintained dozens of Windows Server 2003/2008 and VMware servers
- Fully maintained/upgraded Linux hardware in big data cluster
- Performed platform upgrades including Exchange Server with no downtime during migration
- Brought in new functionality such as ticketing, secure instant messaging, asset management, Exchange ActiveSync and Blackberry Enterprise Server to increase productivity
- Insourced internet website/DNS infrastructure to lower costs and increase security
- Responsible for customer infrastructure on DHS/DOD contracts

Mindbank Consulting ♦ Reston, VA **Jul 2005 – Sep 2005**
Sr. Systems Engineer

- Contractor serving as lead engineer on three-person engineering team for legacy servers at Transportation Security Administration (TSA) location in Pentagon City, VA
- Provided management, maintenance, monitoring and on-call support of web, application, Citrix Terminal and database servers running Windows 2000 Server, Microsoft SQL Server 2000, eTrust SiteMinder, SiteScope, O'Reilly Web Boards and F5 Big-IP

Ideal Innovations, Inc. ♦ Arlington, VA **Jun 2005 – Jul 2005**
Information Manager

- Contractor serving as sole engineer providing software and network support for the US Army's Rapid Equipping Force and Joint IED Defeat Task Force at Fort Belvoir, VA
- Scaled complex Access database to SQL Server format to increase availability
- Managed vendor's creation of SIPRNET SharePoint portal
- Created server-based application to automate forms sign-off and processing saving money

Triumph Technologies ♦ Falls Church, VA **Dec 2004 – Jun 2005**
Interactive Systems Engineer

- Contractor responsible for several IT deliverables to National Museum of the U.S. Army
- Publicly presented baseline evaluation and proposed changes of IT platform to directors and stakeholders in successful bid to expand contract for IT services
- Strengthened museum operations by creating enterprise contact management database
- Installed/maintained business network including Small Business Server 2003, SharePoint, Exchange Server 2003, Windows XP, routers, wireless access points and internet web site

Electronic Data Systems (EDS) ♦ Quantico, VA **Aug 2003 – Dec 2004**
Systems Administrator

- Sole admin responsible for installing and maintaining all classified and unclassified (NIPRNET/SIPRNET) web systems for entire U.S. Marine Corps on Navy Marine Corps Intranet (NMCI) observing strict procedures and service level agreements
- Served on change control team with approve/reject authority for enterprise
- Only systems administrator on Windows 2000 Active Directory/Web team to receive a raise in 2004. One of only six in enterprise to hold highest tier administrative permissions

Interealty Corp ♦ Vienna, VA   **Feb 2000 – Feb 2002**
Manager, Network Operations Center

- Managed personnel and operations in a highly visible 24x7 Network Operations Center (NOC) that supported over 300,000 users
- Created NOC from scratch, assembling tools and reports for senior management
- Monitored Windows NT/2000 and Oracle/SQL servers and communicated outages
- Created web-based Active Server Pages (ASP) ticket system and data mining applications
- Identified need and created Visual Basic program to record Internet Information Server (IIS) user sessions for HTML and Excel reports giving greater insight to senior management

EDUCATION

University of Akron
Bachelor of Science: Mechanical Engineering

ADDITIONAL TECHNICAL SKILLS

- Definition/implementation of corporate policies, Group Policy, Change Management
- Active Directory (AD), Quest One Identity Active Roles (ARS)
- PHP, JavaScript, PowerShell, HTML, Visual Basic (VB), VBScript, Active Server Pages (ASP)
- Internet Information Server (IIS), Microsoft SQL Server, MySQL
- Atlassian Confluence/Jira, Remedy
- Symantec Backup Exec, Veritas NetBackup, VEEAM
- Windows Server, Linux/Red Hat/CentOS/Ubuntu
- McAfee ePO/ePolicy Orchestrator, Fortinet FortiEDR, FortiSIEM, Qualys Vulnerability Scanner
- MECM/SCCM/ConfigMgr, Ivanti Patch Management (Shavlik)
- PowerShell Scripting, PowerShell App Deployment Toolkit
- VMWare ESXi Server/vCenter/vSphere, VMware Workstation, VEEAM, Microsoft Hyper-V
- Event Sentry, ScienceLogic EM7, SolarWinds Orion
- Firewalls, Proxies, Virtual Private Networks (VPN), Microsoft ISA Server, Sophos UTM
- Tenable Nessus / ACAS

CREDENTIALS & CERTIFICATIONS

CERTIFICATIONS	Microsoft Azure Solutions Architect Expert (Credential ID: DA55A64B01F05688)
	Microsoft Azure Administrator Associate (Credential ID: 90CD161C88BFA224)
	Microsoft Certified Systems Administrator (MCSA) Windows Server 2003
	CompTIA Security+
AWARDS	
	Novetta "You Rock" Award (2 times)
	Tetra STAR Award (3 times)
	GTE Focus on Excellence Award
	GTE Award of Excellence (7 times)
	GTE Gold Quality Improvement Team Award
	SPADAC AllHands Award 2005