

JOSHUA M. SMITH

Cloud Architect • Information Security Consultant • Infrastructure Engineer

Clearances: Active DOD Secret, Active DOJ/FBI Public Trust

SKILLS

Certifications: AWS Certified Solutions Architect – Professional VMware Certified Professional (VCP6)
 EMC Information Storage Associate (EMC-ISA) Windows Server 2008 AD (MCP)
 CompTIA Security+

Platforms & Tools: AWS, VMware vSphere, SAN, Linux, Windows, Docker, Kubernetes, Terraform, Packer, Jenkins, Ansible, Git, Python, NetBackup

EXPERIENCE

2015 – Today **Cloud Infrastructure Consultant • Accenture Federal Services**

As a Cloud Security Architect for the U.S. Department of Justice:

- Implement and secure 50+ REST/ SOAP API endpoints for service-oriented architecture (SOA)
- Plan security system migrations to highly available RDS + ECS/Docker architecture
- Program backup and restore implementations on AWS Lambda using Python
- Design and implement single sign-on, federation, and authentication using ForgeRock
- Consult on system security, infrastructure, and automation on hybrid AWS/ on-premises platform

As a Storage Specialist for the U.S. Army:

- Optimized backup and restore efficiency by several magnitudes by integrating a 100TB+ NetBackup Server appliance with disk staging, deduplication, and SAN transfer
- Increased backup capacity 3x by upgrading Oracle tape library and migrating to LTO-6 media
- Consulted on data protection, replication, VMware configuration, cloud, and database systems

Mar – Nov 2015 **Informatics Project Manager • Sentek Global • US Defense Health Agency**

- Managed the deployment and sustainment of inpatient and outpatient clinical IT systems to include changes and upgrades for \$4.7 billion Electronic Medical Record (EMR) contract
- Coordinated scheduling, program requirements, deliverables, risk analysis, workflow, and change management across vendors, Military Treatment Facilities, and service leadership

2012 – 2015 **Systems Engineer • SpecPro Technical Services • Fort Belvoir Hospital**

- Performed live storage file and block migration from EMC Celerra to EMC VNX Unified SAN including several data movers, 20 Cisco UCS hosts using boot from SAN, and 100+ VMs
- Optimized VNX, Avamar, Networker, and RecoverPoint systems supporting VMware vCOPs, SRM, and VDI on Cisco UCS for efficient fault tolerance and performance
- Led mitigation of thousands of Linux, SAN, and SQL vulnerabilities on storage and VM systems
- Built PowerShell-managed and DoD compliant Windows Group Policies, and led GPO training

2010 – 2012 **Technical Project Lead • Catapult Technology • DeWitt Army Hospital**

- Conducted 3900+ user Active Directory data and services migration from Army Medical to the DoD Joint Task Force including file, print, and DHCP services
- Optimized Army-Medical provider satisfaction program by automating desktop deployments

EDUCATION

2016 – Today **Old Dominion University, Norfolk, VA**

- Bachelor of Science in Computer Science
- Expected Graduation 2019, GPA 3.80

2007 – 2012 **Auburn University & Northern Virginia Community College**

- Coursework in Architecture and Computer Science