

ANDREW SUTCLIFFE

CLOUD / AZURE INFRASTRUCTURE, SECURITY & IAM ENGINEER

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PROFESSIONAL SUMMARY

Senior infrastructure and cloud engineer with 7+ years of systems engineering experience across **Azure, on-prem Windows/Linux/VMware**, and security-focused environments. Specialized in **infrastructure architecture, identity & access management, and governance**, with a track record of designing and implementing **secure, scalable, and compliant** solutions that align with organizational strategy and regulatory expectations. Acts as a technical leader and escalation point, providing **architecture guidance, change leadership, documentation, and mentoring** for cross-functional teams while partnering closely with security, networking, and application owners.

CORE AZURE & INFRASTRUCTURE SKILLS

- **Infrastructure Architecture (Cloud & On-Prem)**
 - Azure IaaS/PaaS (VMs, storage, automation accounts, key vault, monitoring/logging)
 - Large-scale Windows & Linux server operations on **VMware**
 - High availability, performance optimization, and environment segmentation (Sandbox/Dev/Test/Model/Prod)
- **Cloud Governance, IAM & Security**
 - Azure RBAC role design, subscription & management group strategy, Azure Policies
 - Microsoft Defender for Cloud at enterprise scale; security posture management and remediation
 - Least-privilege enforcement, privileged access patterns, and audit-driven automation
 - Experience working in **regulated financial environments** with audit and compliance stakeholders
- **Networking, Security & DR**
 - Practical experience with **Azure networking concepts** (segmented environments, secure connectivity, policy-based controls)
 - Collaboration with network and security teams on firewall, IPS, and secure access controls
 - Strong understanding of **disaster recovery, business continuity**, and operational resilience
- **Automation, DevOps & Scripting**
 - Azure DevOps (Repos, Pipelines), Infrastructure as Code (Bicep)
 - PowerShell scripting for policy enforcement, subscription provisioning, and privileged account automation
 - Automation of infrastructure workflows (subscription creation, environment provisioning, password rotation)
- **Operations, Change Management & Leadership**
 - Incident response, root cause analysis, and large-scale production support
 - Experience with **maintenance, patching, and change implementation** in mission-critical environments
 - Team lead/technical lead for multi-month, multi-team projects; mentoring of junior engineers
 - Clear written and verbal communication with technical and non-technical stakeholders

EXPERIENCE

Senior Cloud DevOps Engineer – Azure Infrastructure & Security

Aegon | Cedar Rapids, IA

Sep 2023 - Mar 2024

- Led Azure governance and access initiatives, designing and enforcing RBAC, policies, and management group strategy to ensure secure, least-privilege access across subscriptions and environments.
- Orchestrated Azure security posture improvements by implementing Microsoft Defender for Cloud and Azure Policies, achieving 100% security compliance ahead of schedule in regulated environments.
- Served as technical lead for a team of 5 specialists, ensuring adherence to Azure best practices for availability,

security, and cost optimization during critical change windows.

- Built automation for privileged account password rotation to meet audit-mandated credential policies and reduce operational risk.
- Coordinated migration of several thousand Azure virtual machines across subscriptions in a multi-team effort over several months, completing the migration with zero downtime.
- Managed work using Jira with Kanban/Agile practices to prioritize requests, track progress, and ensure on-time delivery of infrastructure changes.

Intermediate DevOps Engineer – Azure Automation & Governance

Aegon | Cedar Rapids, IA

Oct 2021 - Sep 2023

- Implemented Azure Defender for Cloud at enterprise scale for a \$2M project with the Dutch National Bank, enhancing cloud security, threat detection, and compliance across the organization's infrastructure. Also Enhanced cloud security posture from 23% to 46%.
- Designed and implemented a CI/CD deployment system in Azure DevOps, establishing standardized naming conventions.
- Automated the end-to-end Azure subscription creation workflow, including management group assignment and resource group provisioning, to accelerate and standardize cloud deployments.
- Revamped Azure Management Group structure to align with environment-specific governance (Sandbox, Dev, Test, Model, Production), enhancing policy enforcement, RBAC segmentation, and scalability.
- Led the migration of AzureRM to the Az module across all Azure team automation accounts, improving script efficiency, compatibility, and future-proofing automation workflows.
- Solved a DSC breakage affecting 10,000+ AVM's by collaborating with team members and staying online after hours to ensure that business can continue the next day.

Distributed Server Engineer – Windows / Linux / VMware

Aegon | Cedar Rapids, IA

Aug 2017 - Oct 2021

- Monitored and maintained a large-scale Windows and Linux server environment (on VMware) to ensure availability, performance, and adherence to operational standards.
- Provided advanced server-level troubleshooting, incident resolution, and root cause analysis, resolving 70–300 incidents per day and minimizing downtime for critical services.
- Fulfilled up to 70 infrastructure-related service requests daily, meeting SLAs and supporting internal “client” teams across the organization.
- Completed hands-on fixes at the server level when remote tools were insufficient or servers became unresponsive, restoring service quickly.
- Developed a script to automatically check key datapoints on 28 web servers, reducing validation time from 1 hour to 5 minutes and providing a concise health overview.
- Mentored team members on DSC best practices and incident resolution techniques during onboarding to strengthen team capability.

EDUCATION

Southeastern Community College – West Burlington, IA

Associate of Science

Southeastern Community College – West Burlington, IA

Associate of Arts: Network Specialist

CERTIFICATES

Microsoft Certified: Azure Administrator Associate (AZ-104), Jan 2025

Microsoft Certified: Azure Fundamentals (AZ-900), May 2019

Defender for Cloud Ninja, Sep 2022

CompTIA Network +, Jan 2017

CompTIA A+, Jan 2014

PORTFOLIO

Knowledgebase website: <https://unboltedmango.com>