

# Sean Q. Randolph

## Azure Cloud Architect/Engineer

Email: [sqrandolph@gmail.com](mailto:sqrandolph@gmail.com) | Mobile: 917.446.5786

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### About Me

I am an Azure architect/engineer and FinOps practitioner with a strong ability to absorb, comprehend, and process technical/business information so that it can be translated into integrated solutions. I am experienced in designing, planning, implementing, optimizing, and troubleshooting Azure, Windows server, and data center components at both SMB and enterprise scale. I am seeking an opportunity to grow and share my expertise with a dynamic, expanding organization as well as learn and adopt emerging technologies.

### Certifications

- ❖ [ISC<sup>2</sup> Certified Cloud Security Professional](#)
- ❖ [Microsoft Certified Solutions Architect Expert](#)
- ❖ [Microsoft Certified Azure Administrator](#)
- ❖ [Microsoft Certified Azure Security Engineer](#)
- ❖ [Microsoft Certified Azure Virtual Desktop Specialty](#)
- ❖ [FinOps Certified Practitioner](#)
- ❖ [CompTIA Security + Certified](#)
- ❖ [CompTIA Network + Certified](#)
- ❖ [CompTIA A+ Certified](#)

### Professional Experience

#### Cognizant Technology Solutions (MSP), New York, NY

1/2021 - Present

##### *Azure Infrastructure Architect/Engineer (for various clients)*

- Migrated on-prem infrastructure and applications to Azure using Azure Migrate.
- Deployed and configured Azure Firewall with DNAT, SNAT and network rules.
- Deployed and configured the Azure Application Gateway and WAF for external access to a backend API.
- Deployed and configured Azure Virtual Desktop with Shared and Personal host pools.
- Deployed Azure policy (and custom initiatives) to enforce tagging and diagnostic logging to a LAWS.
- Azure administration (Azure AD, logic apps, NSG configuration, VM and vNet creation and configuration).
- Deployed Azure Bastion for remote access to VMs.
- Used Azure Advisor to evaluate client environments and recommend avenues for cost savings.
- Experienced with CloudockIT for Cloud environment evaluation.
- Experienced with enterprise-level Carbon Black EDR.
- Experienced with CyberArk PIM.
- Experienced with LogRhythm SIEM.
- Experience in Cloud FinOps / Cloud spend optimization.
- Experience in Azure Cost Management using Reserved Instances and Savings Plans.

#### Madison Square Garden, New York, NY

11/2007 – 11/2020

##### *Senior Infrastructure Engineer*

- Deployed and migrated over 1000 Windows servers to Microsoft Azure using Azure Migrate/ASR to IaaS/PaaS.
- Designed and deployed Bluecat DDI/IPAM and Bluecat DNS Edge (DPI) appliance solutions for the enterprise.
- Deployed and migrated Windows servers to VMWare ESXi v6.7 in the newly acquired NY and LA CoLos.
- Azure administration (Azure AD, Azure policy, logic apps, NSG configuration, VM and vNet creation and configuration).
- VMWare ESXi 6.7 design and administration, including:
  - Creating VMWare templates for Windows OS deployments.
  - Deploying OVA/OVF packages.
  - Configuring HA.
  - Configuring Fault Tolerance.
  - Performed Compute and Storage vMotions as needed.
- Designed, deployed, and administered Rubrik backup system.
- Used Turbonomic (formerly VMTurbo) to proactively monitor the VMWare environment.
- Designed, deployed, and administered Site 24x7 SaaS solution for hardware/application monitoring.
- Designed, deployed, and administered PDQdeploy for automated software installation/inventory.
- Designed, deployed, and administered Genetec CCTV HD Camera surveillance system.
- Mitigated enterprise vulnerabilities using Tenable, Carbon Black and Tripwire.
- Implemented ProofPoint Mail Protection Cloud Service.
- Design and administration of Microsoft Windows Server 2012/2016/2019 infrastructure (installation, role management, configuration, lifecycle management, IPMI).
- Experienced with deployment and administration of SAN/NAS storage (Qumulo, Dell Equilogic, Cisco UCS).
- Migrated over 2000 users from Exchange 2010 to Office 365.
- Designed, deployed, and administered SEP Server v14 in the enterprise.
- Deployed FireEye appliances for network and e-mail malware detection.
- Manage external domains using Route 53/AWS.
- Implemented and administered Bomgar for remote access services.
- Designed, deployed, and administered Symantec Enterprise Vault archiving system.
- Various application deployments (Password manager Pro, Patch Manager Plus, QRadar, Space Observer).
- Administered Avamar backup platform for system restores and DR services.
- Migrated FUSE file and print servers to the MSG domain after a corporate acquisition.

- Manage all production systems for The NY Knicks, NY Rangers, NY Liberty, MSG Media, Radio City Music Hall, Chicago Theatre, Beacon Theatre and MSG Training Facilities, including 24/7 critical systems support for Madison Square Garden's billion dollar transformation project and Madison Square Garden's 5000+ corporate users.
- Daily responsibilities included administration and troubleshooting of Active Directory, Exchange/Office 365, SCOM, and several Arena critical custom applications (Eatec, Infogenesis, Appetize, CCURE).
- ITIL knowledge - Understanding of Change/Incident/Problem Management.
- Various projects including:
  - Microsoft Operations Manager "MOM" to Systems Center Operations Manager (SCOM) 2007 R2 Upgrade
    - Analyzed and Evaluated existing MOM 2005 Infrastructure, determined Alerting and Notification requirements, utilized the Operations Manager Migration Tool to migrate customized Management Packs, Installed / Tested / Configured new SCOM 2007 management packs to ensure Production issues were resolved efficiently and proactively.
  - Designed and deployed System Center Configuration Manager (SCCM) 2007.
  - Designed, deployed, and administered WSUS for updates, patches and hotfixes on production servers.
  - Participated in the EPM SharePoint 2010 & Project 2010 Implementation for document and project management.
  - Re-designed MSG's Active Directory Infrastructure including changes to the OU Structure, Group Policies and Replication Model.
- Suggested and implemented critical production environment changes based on my professional experience in conjunction with Microsoft best-practices - once approved by MSG's Production Review Board.

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## **Education**

**Hunter College**

*Bachelor's Degree*

**New York, NY**