

BRENDEN SCOTT

SYSTEMS ADMINISTRATOR | AZURE & INFRASTRUCTURE

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PROFESSIONAL PROFILE

AZ-104-certified Systems Administrator supporting enterprise Microsoft infrastructure in a 1,000+ user healthcare environment. Experienced in Exchange infrastructure, hybrid identity administration, disaster recovery, and PowerShell automation. Developed an Azure serverless portfolio using Terraform, GitHub Actions, Python Azure Functions, and Cosmos DB.

SKILLS

Cloud & Identity: Microsoft Azure, Microsoft Entra ID, Conditional Access, Azure Static Web Apps, Azure Functions, Cosmos DB, Azure Blob Storage, Exchange Online, SharePoint Online

Infrastructure: Windows Server, Active Directory, Group Policy, Exchange Server/DAG, DNS, Nutanix, Cohesity, Citrix

Automation & Development: PowerShell, Python, Terraform, GitHub Actions, CI/CD, SQL, Git, NinjaOne, Exchange Management Shell

Security & Integration: OIDC Federation, OAuth 2.0, Duo MFA, Imprivata OneSign, Cisco Secure Email Gateway

WORK EXPERIENCE

Systems Administrator (Applications Engineer)

April 2023 - Present

Madison Memorial Hospital | Rexburg, ID

- Investigated recurring outages across a three-server Exchange DAG, analyzing database replication, DNS, RPC connectivity, and Windows event logs; performed mailbox database reseeding and presented technical findings to IT leadership.
- Collaborated with an MSP engineer to rebuild a three-server Exchange environment, configuring the Database Availability Group, mailbox databases, certificates, and mail connectors to restore service stability.
- Recovered critical Active Directory accounts using PowerShell and Cohesity following an accidental mass-deletion incident, restoring essential hospital access overnight and supporting remaining recovery over three days.
- Developed and deployed PowerShell automation through NinjaOne for application installation, software updates, dependency management, and workstation configuration across enterprise and clinical endpoints.
- Administered hybrid Active Directory and Microsoft Entra ID environments supporting 1,000+ users, configuring location-based Conditional Access policies, MFA requirements, and application SSO integrations.
- Supported enterprise migration from on-premises Exchange to Microsoft 365, resolving mail flow, identity synchronization, and legacy application integration issues.
- Restored Dynamics GP automated email functionality following migration to Exchange Online by configuring Microsoft Entra application registration, OAuth authentication, Mail.Send permissions, and admin consent.

WORK EXPERIENCE

Shift Lead, IT Service Desk

April 2021 - Sept. 2022

Brigham Young University - Idaho | Rexburg, ID

- Coordinated daily operations for a 10-person IT support team, assigning support coverage, handling escalations, and delivering individual performance feedback.
- Administered Active Directory accounts, permissions, and multifactor authentication in a university environment supporting 10,000+ students and faculty.

TECHNICAL PROJECTS

Azure Serverless Portfolio | Terraform, GitHub Actions, Python

brendenscott.cloud | github.com/BrendenScott/Portfolio

- Built and deployed a serverless Azure portfolio using Azure Static Web Apps, Python Azure Functions, and Cosmos DB, integrating a custom domain and API-driven visitor counter.
- Provisioned Azure application infrastructure using Terraform, implementing parameterized resource configurations and remote state storage in Azure Blob Storage.
- Developed a PowerShell bootstrap script to provision remote state infrastructure, establish an Entra deployment identity, configure GitHub OIDC federation, and populate repository secrets.
- Built GitHub Actions workflows to automate Terraform infrastructure deployment and frontend/API releases using federated Azure authentication and Static Web Apps deployment tokens.

Board Game Data ETL Pipeline | Python, SQL, Pandas, BoardGameGeek API

github.com/BrendenScott/Board-Game-Data-Collector

- Developed a Python ETL pipeline to collect and transform BoardGameGeek API and CSV data, loading structured records into a relational database to support a Tableau-powered discovery website.
- Implemented API request retries and processing checkpoints to support recovery from interrupted data imports.

CERTIFICATIONS

- [Microsoft Certified: Azure Administrator Associate \(AZ-104\) | September 2026](#)

EDUCATION

Bachelor of Computer Science | Brigham Young University-Idaho | April 2024

ADDITIONAL EXPERIENCE

Customer Service Operator

Sept. 2022 - April 2023

Avantguard Monitoring Centers | Rexburg, ID

- Monitored medical device alarms, assessed emergencies, and coordinated timely escalation to emergency dispatch.
- Documented critical incident information while communicating with customers during time-sensitive situations.