Damien Henriquez

AZURE CLOUD INFRASTRUCTURE | ENTRA ID AND IAM | CLOUD SECURITY

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PROFESSIONAL SUMMARY

Infrastructure Engineer with nearly 7 years of experience supporting secure Microsoft cloud and hybrid infrastructure in global enterprise environments, including Level 3 engineering in a 100,000+ user banking organization. Hands-on experience with Microsoft Entra ID, hybrid identity, enterprise SSO and application provisioning, Conditional Access, privileged access, and identity governance. Combines production engineering and PowerShell/Microsoft Graph automation with Azure infrastructure, Terraform, CI/CD, and cloud security projects.

PROFESSIONAL EXPERIENCE

Infrastructure Engineer | Barclays **Whippany, NJ**

Cloud Identity, Security and Infrastructure Automation **Dec 2022 - Present**

- Serve as a Level 3 and final escalation engineer for Microsoft Entra ID, identity services, and Microsoft cloud platforms in a 100,000+ user global banking environment, resolving complex production incidents and security-sensitive changes.
- Configure enterprise SSO and application provisioning integrations using SAML, OAuth 2.0, OpenID Connect (OIDC), and SCIM, including application onboarding, provisioning-token rotation, group-based access, and authentication troubleshooting.
- Administer Entra ID enterprise applications, app registrations, service principals, and certificate/client-secret lifecycles, including credential expiration reviews, renewal coordination, access validation, and retirement of unused credentials.
- Support hybrid identity infrastructure using Microsoft Entra Connect and Active Directory, troubleshooting directory synchronization, account provisioning, and authentication dependencies across on-premises and cloud environments.
- Execute Joiner-Mover-Leaver (JML) lifecycle operations across Active Directory, Entra ID, and Exchange Online, including account provisioning, group membership changes, access modifications, offboarding, and mailbox lifecycle management.
- Implement and troubleshoot Conditional Access, MFA, Temporary Access Pass, and Privileged Identity Management (PIM) workflows; manage privileged access, security group assignments, and recurring Access Reviews to enforce least-privilege governance.
- Configure Entra cross-tenant access, B2B collaboration, external federation, and guest access policies; support Microsoft Entra External ID (Azure AD B2C) integrations for external identities and enterprise applications.
- Collaborate with Cloud Platform and DevOps teams to secure Azure DevOps CI/CD integrations, configuring application identities, service principals, workload authentication, and least-privilege access controls for automated deployments.
- Develop PowerShell and Microsoft Graph automation for identity governance, credential lifecycle reporting, access auditing, configuration validation, tenant administration, and recurring operational tasks across Microsoft cloud services.
- Administer enterprise email security solutions including Proofpoint and MailMarshal, supporting mail filtering, security policies, transport protection, and threat-related configuration changes.
- Support Exchange Online and hybrid messaging infrastructure, including mailbox migrations and recovery, SMTP relay configurations, transport rules, distribution groups, and security-related server patching.
- Support enterprise Microsoft 365 Copilot and secure AI integrations, including Anthropic Claude integration, Copilot Studio agents, Microsoft Purview DLP policies, and controls protecting sensitive enterprise data.
- Engineer and troubleshoot enterprise collaboration services, including Microsoft Teams federation, external access restrictions, service configurations, and voice/video connectivity; analyze service performance through CQD/QER reporting.
- Investigate complex cross-platform incidents involving Entra ID, Active Directory, DNS, certificates, proxies, firewalls, Zscaler, VPN/VDI, and Microsoft cloud endpoints, coordinating remediation across engineering and security teams.
- Develop technical runbooks, troubleshooting standards, and operational documentation; implement changes through ServiceNow and ITIL-aligned change management within a highly regulated financial services environment.

IT Specialist | Teneo **New York, NY**
Identity, Endpoint, Cloud, and Infrastructure Operations **Feb 2020 - Dec 2022**

- Supported identity lifecycle and user access across Active Directory, Entra ID, Okta SSO, MFA, and Microsoft 365, including onboarding, offboarding, group and role assignments, and authentication troubleshooting.
- Administered Windows and macOS endpoints, core SaaS platforms, Azure and on-premises infrastructure, and network services for a distributed enterprise user base.
- Used PowerShell to automate administrative and reporting tasks, standardize repeatable procedures, and improve the consistency of support and access-management workflows.
- Supported cloud and on-premises migration activities, access transitions, and system deployments while maintaining operational continuity and clear technical documentation.

TECHNICAL SKILLS

Azure & Cloud Security: Azure architecture and administration, Azure networking (VNets, subnets, NSGs), Azure RBAC, Azure Policy, Key Vault, Azure Monitor, Log Analytics, Microsoft Sentinel, KQL, detection engineering, Microsoft Purview DLP, Defender for Identity, Entra ID Protection, Zero Trust

Identity & Access Management: Microsoft Entra ID, Active Directory, Entra Connect, hybrid identity, Entra External ID (Azure AD B2C), Conditional Access, MFA, Temporary Access Pass, PIM, Access Reviews, JML, SAML, OAuth 2.0, OIDC, SCIM, SSO, app registrations, service principals, workload identity federation, B2B/cross-tenant access, CyberArk PAM

Automation & DevOps: PowerShell, Microsoft Graph, Terraform, Python, Azure DevOps, GitHub Actions, GitLab, Git, CI/CD, infrastructure as code (IaC), Azure CLI, OIDC workload identity federation

Infrastructure & Operations: Windows Server, Exchange Online, hybrid Exchange, Proofpoint, MailMarshal, SMTP relays, mail-flow/transport rules, server patching, DNS, certificates, proxies, firewalls, Zscaler, incident response, root cause analysis, change management, ITIL, ServiceNow

EDUCATION

Bachelor of Science, Information Technology Management
Western Governors University

CERTIFICATIONS

- Microsoft Certified: Azure DevOps Engineer Expert (AZ-400)
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: Identity and Access Administrator Associate (SC-300)
- Microsoft 365 Certified: Teams Administrator Associate (MS-700)
- Microsoft 365 Certified: Collaboration Communications Systems Engineer (MS-721)

SELECTED PROJECTS

Secure Azure Landing Zone | Terraform, Azure, GitHub Actions, Entra ID
Built a modular Azure landing zone with Terraform incorporating secure networking, Azure Policy governance, Key Vault RBAC, centralized logging, Azure Blob remote state, and secretless GitHub Actions CI using Entra workload identity federation/OIDC.

Entra Identity Governance Automation | PowerShell, Microsoft Graph, Python
Developed HR-driven Joiner-Mover-Leaver automation for Microsoft Entra ID, including user and group provisioning, department-based access reconciliation, account offboarding, guest access reviews, privileged-role auditing, and application credential lifecycle reporting.

Microsoft Sentinel Detection Engineering Lab | Microsoft Sentinel, KQL, Entra ID, Azure
Built and validated cloud-security detections for Azure RBAC, NSG, Key Vault, and Entra application changes using AzureActivity, AuditLogs, and AzureDiagnostics; deployed three scheduled Sentinel analytics rules with MITRE ATT&CK mappings, alerting, and incident creation.