Nathaniel Bowdish

SUMMARY

Nathan has been working with Active Directory for over 10 years. He has used GPO's to apply security and configuration standards throughout his career, most recently at Committee for Children. Nathan is familiar with using PowerShell and interfacing it with Active Directory; at Aquent he wrote a server-side PowerShell script with a PHP web front-end to create new users. He also used PowerShell to deploy and control servers in Azure at Committee for Children. He used Nessus to scan servers and clients, audited firewall logs, and passed several audits including PCI.   Nathan has frequently had to adhere to the principle of least privilege and is familiar with Privilege Access Management Systems.

TECHNICAL SKILLS

Windows Server, Windows Desktop, O365, Microsoft Exchange, macOS 10.x, Active Directory, Cisco switches, Cisco/Sophos/Fortinet firewalls, CentOS Linux, PowerShell, Azure, AWS, LastPass, Microsoft System Center Products Suite, Google Apps Suite, PKI Internal and External, Hyper-V, Vmware, Various ISCI SAN Storage, Nessus, Azure DevOps, PowerShell

PROFESSIONAL EXPERIENCE

BECU, Tukwila, WA   **04/2019-Present**
DevOps Engineer (AIM Consultant)
- Building out PowerShell scripts for Automation of Release and Deployment tasks
- Building out CI/CD pipelines using GIT and Azure DevOps
- Managing test, staging, and production environment deployments through Azure DevOps/VSTS
- Improve existing workflows and increase script development velocity
- Create, update, and manage PowerShell scripts in Azure environment
- Involved in the design and deployment of Azure applications focusing on high-availability and fault tolerance
- Troubleshoot issues with Splunk and Application Dynamics
- Use F5 LTM for application deployment, troubleshooting
- Automate re-occurring tasks and jobs using PowerShell to improve the quality of the code installs and reduce manual steps for a more consistent product
- Work on Scrum teams in 2 weeks sprints

Committee for Children, Seattle, WA   **06/2017-08/2018**
System Administrator
- Reported directly to the CTO to ensure smooth operation of all systems
- Implemented several new software packages that helped increase network and system security
- Worked directly with developers to ensure high availability of main website
- Changed out Single ASA for Dual Sophos Firewalls

- Implemented website monitoring with Monitis
- Implemented Password management system
- Used PowerShell to deploy and control servers in Azure
- Implemented new A/V solution and workstation management for both PC and Apple
- Implemented LastPass to control privileged password access
- Installed more Cisco 3700 Access points and adjusted the Wifi network for optimal performance
- Migrated Secondstep.org from Colo to Azure and ensured performance with load testing
- Updated documentation to reflect current environment
- Migrated VPN from Cisco concentrator to Sophos and implemented RADIUS
- Expanded Cisco network as space expanded
- Migrated email from on premise to O365

Aquent, Seattle, WA   **07/2015-03/2017**
Sr. System Engineer
Senior member of the team responsible for 24X7X365 highly-available global Infrastructure, our team managed the AWS, VMware, and Google Applications environments for the entire enterprise.
- Participated in 24 hour tri-weekly on call rotation, managed backups, Active Directory, and Tier 3 support for Mac and Windows clients
- Managed infrastructure/WAN spanning 6 countries and 3 divisions/companies
- Maintained system and service documentation on intranet site
- Automated FTP file encryption decryption
- Migrated user creation scripts from VBScript to PowerShell
- Configured Nagios for new servers and services
- Taught interns from Year Up program
- Managed enterprise Active Directory including Users, GPO, DNS
- Managed security rules between Google Apps Gmail and On Premise Exchange 2010

Imprezzio, Spokane, WA   **04/2014-05/2015**
Sr. System Engineer
- Responsible for the administration of all global networks, data communications and infrastructure
- Responsible for designing, building, implementing, and managing products and solutions for Imprezzio's production environment, while ensuring 24/7 availability
- Managed infrastructure/WAN spanning 3 countries and 4 divisions/companies
- Configured and managed SCOM, SCCM, and SCSM
- Achieved successful PCI audits and Insurance Cybersecurity audits
- Manage internal infrastructure
- Led network/system security scanning and remediation
- Migrated subsidiary from local email to Office 365
- Managed enterprise Active Directory including Users, GPO, DNS

Caradigm, Bellevue, WA   **09/2013-03/2014**
Service Engineer (Contract)
- Managed the hosted software production and development environments running on Hyper-V across nationally distributed datacenters
- Use SCOM and SCVMM monitoring and administration

- Managed the Dev, Stage, Prod, and DR environments
- Managed updates for hundreds of servers
- Troubleshot and identified root cause of server errors in clusters

Blackfin, Boise, ID   12/2011-09/2013
Systems Administrator
- Provided diverse environments and met various requirements for a range of software development projects actively being developed
- Managed internal network/server/client infrastructure including security, patches, and new requests
- Helped clients with any consulting or other support they required from Blackfin.
- Consulted for large clients on ADFS
- Managed all aspects of physical and virtual network
- Administered external DNS for Blackfin's domain and several clients
- Migrated servers with clients' data between data centers
- Maintained all aspects of external servers for clients

Computer Network Consultants   03/2011-11/2011
Sr. Systems Engineer
- Trained the company on the use of Virtual Machines and how to use ESXi free to increase revenue and lower customer costs
- Consulted with clients large and small on all aspects of their computer systems
- Provided repair, upgrade, new implementation, and other services to exceed client expectations
- Installed new VMware ESXi installations including VMware vCenter Server
- Maintained, upgraded and migrated all customer client/server applications that run on their systems
- Setup group policy and logon scripts
- Implemented and troubleshot SAN and NAS solutions for various clients
- Offered complete support for clients including upgrading and migrating all customer client/server applications between different systems

CERTIFICATIONS AND SECURITY COMPLIANCE
Microsoft Azure Administrator Associate

Security Compliances
National Credit Union Administration
PCI
HIPAA
Insurance Industry Cyber Security Audits