Andrew J. Bohnenberger

Skills

Servers: IBM 3550/3650 Servers, Microsoft Active Directory DC/DNS/DHCP Servers 2016/2019/2022, IIS 7.5/10 Servers, Vsphere ESXi and Vcenter 7.0, Hewlett Packer ProLiant Gen 8-9, Dell PowerEdge R630/R640/R730xd/R740xd, Dell PowerEdge VRTX M630

Operating Systems: Windows 10/11, Microsoft Server 2016/2019/2022, UNIX AIX, SUSE Linux, Red Hat Linux 7/8/9, Cisco iOS 12.4, and Android/iOS

Configuration Management: HCL Bigfix 10,Ansible Automation Platform, Tanium, and Microsoft System Center

Scripting Languages: Microsoft Powershell 5.1, Windows Batch, and Linux BASH

Infrastructure Monitoring: Microsoft System Center Operations Manager 2016/2019, Grafana, Dell OpenManage Enterprise, and HP Systems Insight Manager 7.6

Security: Symantec Endpoint Manager 14.3 RU7, Tripwire, BeyondTrust Privileged Identity (Formerly Lieberman ERPM), Carbon Black, and CrowdStrike

Version Control/Continuous Integration/Delivery/Deployment - Jenkins, GitHub, and BitBucket

Experience

Systems Engineer Consultant   02/2018 – Present
Randstad/Bessemer Trust   Woodbridge, NJ

- Supported and Managed Bessemer's production and pre-production servers in their Hybrid Cloud Environment consisting of AWS Servers in both lab/production, on-premise servers in VMWare Vsphere Lab, Production, and Disaster Recovery Environments, as well as their VmWare Cloud Infrastructure.
- Automated Server Builds and configurations using PowerShell and VmWare PowerCLI, and Application installations using BigFix, PowerShell, Ansible and Chocolatey
- Managed Bessemer Patch and Configuration Management System HCL Bigfix and Tanium
- Upgraded and Supported Infrastructure Applications including Microsoft System Center Operations Manager, IBM/HCL Bigfix, Symantec Endpoint Manager 14.3 MP1, Vcenter Server 7.0, Dell OpenManage Enterprise
- Remediated security vulnerabilities found via TripWire,Nessus,and Nexpose Security Scans for Production, Lab, and Disaster Recovery Environments in compliance with CIS security benchmarks

IT Infrastructure and Operation Analyst   11/2009 – 12/2017
Colgate Palmolive   Piscataway, NJ

- Supported all infrastructure including desktops, laptops, iPhones, iPads, Android devices, LAN connectivity, physical servers, virtual machines, backup and recovery systems, network printers, and application support.
- Troubleshooted hardware and software issues reported by the GIT Service Center.
- Provided support to employees at all levels including the most senior executive level.
- Documented and shared solutions used to resolve problems and concerns associated with personal computer equipment, hardware and software in the ticketing system.
- Monitored and resolved all Oracle, DB2, Sap, UNIX, NT, Lotus Notes, and Network System issues Developed and ensured all procedures and processes for all systems were addressed and up to date with the latest fixes and patches
- Performed printer setups, automation of alerts, backups, job scheduling, SAP transports and recycles
- Worked closely with 2nd level support, help desk, and application teams to resolve all issues to ensure Colgate's business was not impacted

Accomplishments

- Managed the Windows Server 2012 OS Refresh Project, which is migrating 200 2012 Windows Servers to Windows Server 2019/2022. This includes building the servers in AWS and VmWare, migrating applications, installing dependencies, getting maintenance windows from our developers, and migrating NTFS Shares and Data.
- Built 206 Production Servers in AWS, VMware On-Premise, and Vmware Cloud Environments. Provisioned 88 Lab AWS and VMware On-Premise Servers. Server Builds included deploying Windows Server 2016/2019/2022, RHEL8/9, IIS, and SQL Installation and Hardening. All builds were done in a programmatic fashion using a combination of Infrastructure as Code (Terraform for AWS), PowerCLI Scripts for Vmware, and Powershell/Batch Scripting
- 2008 Domain Controller Infrastructure Migration to Windows 2016 Core – Read Only and Domain Controllers were used to authenticate all users and systems on the network
- BigFix Patch Management – Created Baselines and deployed software updates for Adobe Suite, Oracle Java, Google Chrome, DUO (Two Factor Authentication) Agent Upgrades, Microsoft Exchange 2013 server patching, Microsoft SharePoint patching, OpCon and LRUN Workers Windows Security Updates for Servers and Workstations. Bessemer Infrastructure includes 1648 workstations, 694 servers
- Microsoft System Center Operations Manager 2012 to SCOM 2019 Upgrade – SCOM is used to monitor all server infrastructure. Trained Advanced Operations Team how to create SCOM Monitors to monitor services, create overrides for false positives, and troubleshooting SCOM Agent installation issues.
- Jenkins Automation Platform – Provisioned Server Infrastructure, Installed Jenkins Application, Configured LDAP Integration, Applied SSL Cert, BitBucket Integration, and assisted OKTA Admin on Single Sign On Integration. Developed 10 Jenkins PowerShell jobs including configuring page file, initializing, and labeling volumes on servers, Creating Firewall Rules for ERPM, Creating Windows Firewall Rules, Gathering AD Groups from Servers, Getting Associated Datastores from a list of servers, getting patches installed on servers, processes taking up the most resources on servers, testing if local firewall is open, gathering network connectivity, application and system event logs, and DNS information on a list of servers and workstations.
- Vmware Patching and Upgrades for Dell and HP Infrastructure from ESXi 6.0 to 7.0 - Followed Bessemer's Security Standards in order to patch and upgrade all VmWare hosts twice a year to meet Audit Compliance. Bessemer has 20 Dell VRTX and 140 VmWare Hosts Between Woodbridge Production Data Center, Disaster Recovery Site, Lab Environment, and Regional Offices.
- POC for Chocolatey – Chocolatey is a Package Management solution that is used for software deployment automation. I built the server infrastructure, deployed the agents, and created the self-service application installation repository. Presented Software to Infosec, Server, and Desktop Teams. Created 36 Packages for Internal Repo including Java, Asset Keeper, Sublime, Notepad ++, Visual Studio Code, FolderSizes etc...
- POC for Symantec Cloud - Created Agent Deployment, Imported Policies from On-Prem Symantec Endpoint Manager, Configured Notifications/Reporting, Created Tenant, and Worked with OKTA Admin to integrate Single Sign on
- Deployments via Bigfix - Palo AltoAgents, Agents Removal Viewfinity Agents, Symantec Agents, Carbon Black Agents, Bluecoat Unified Agents, Microsoft SCOM Agents 2016/2019, Powershell 5.1, Log Rhythm 7.4.8.8000 Agents, Imperva DAM Secure Sphere Agent Deployment, Splunk Agents, DNS update for F5 VIPS, Infoblocs, and Windows DCs on all servers in the environment

Education

Master of Science: Keller Graduate School of Management - Network Management and Information Security   Ongoing

Bachelor of Science: DeVry University - Technical Management and Computer Information Systems   2011