JUSTIN L. WOOLINGTON

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CAREER OBJECTIVE

As a Senior Systems Engineer and Network Engineer, I have over 16 years of experience in the IT field, working with medium to large-scale clients across various industries. I am a Sophos Certified Architect & Engineer and a Brocade/Ruckus ICX Certified Implementer, with expertise in systems administration, network administration, project implementations, and technical support. I also hold certifications for Watchguard firewalls, HPE Nimble/MSA SANs, and Lenovo Datacenter Storage. I'm currently working on Microsoft, VMware, and Cisco certifications.

Currently, I'm a Senior Systems Engineer, Lead Project Engineer, and provide national tier 3 escalation support for all clients at Visual Edge IT. I also monitor, manage, and maintain a four-node VMware vCenter cluster environment, a Dell EMC ME4024 SAN, and Cisco ASA firewalls at Cirkuit Networks. I am passionate and ambitious about my career and always eager to learn new and emerging technologies and ways to incorporate them into a work-place environment. My goal is to build upon my knowledge, experience, and skills to continue to grow and deliver value to my clients.

EDUCATION

Ivy Tech Community College → *August 2008 – May 2013*

Associate of Applied Sciences in Computer Information & Technology

Concentration in Networking & System Administration

Two-time Dean's List Student GPA of 4.0/4.0 | Certificate in Network Administration

CERTIFICATIONS

Sophos Firewalls – Sophos Certified Architect

Sophos Firewalls – Sophos Certified Engineer

Watchguard Firewall Certified

HPE Nimble/MSA Storage Administrator

Ruckus/ Brocade ICX Certified Implementer

Lenovo Datacenter Storage Administrator

PROFESSIONAL SKILLS

Network Administration – DNS, Subnetting, Switching, Routing, Cabling, Diagramming, VLANs, QoS, Troubleshooting	
Virtualization – VMware, vCenter, ESXi, Hyper-V, Scale, HCI, P2V/V2V, Clustering, HA, Load Balancing, MPIO	
Windows Server 2003-2022 Infrastructure	FreeBSD/Linux Infrastructure (BIND, APACHE, PHP, SSH, MYSQL, Certbot)	
Storage – HPE Nimble/MSA SANs, Dell EMC SANs, IBM v3700, NAS devices (Synology, QNAP, File Servers)	
Network Security – Sophos XGS, Watchguard, Cisco ASA, SonicWall, Fortinet, Barracuda, Endpoint Security, DUO MFA, RADIUS	
Azure Cloud – Azure Migrate, Azure VM, Azure AD, Azure S2S/P2S, Azure Networking, Azure Data Studio, Entra ID, Azure SQL	
Microsoft SQL Server, Windows 10/11, Office 365, Microsoft Exchange, SCCM, WSUS, WDS, Active Directory Services	
Remote Services – LogMeIn, ScreenConnect, AnyDesk, Team Viewer, Splashtop, Terminal Services/ RDP	
Datto RMM, Ninja RMM, Continuum RMM, ConnectWise, Shoretel IP Phone, Camera Systems (Axis, Avigilon, ExacqVision)	
Documentation – ITGlue, Evernote, ConnectWise	Applications – QuickBooks, Navision, Office (2007-2019), Visio	
Switch/Route – Ruckus/ Brocade, HPE, Cisco, Aruba, Adtran, Dell	Wireless – Ruckus, Cisco, Meraki, Ubiquiti, Aruba, Aerohive	
Backup Solutions – Veeam B&R, Datto BCDR, Acronis, StorageCraft, Backup Exec	SSL Certs, CA Services, 802.1x NAP	

EMPLOYMENT HISTORY

[Visual Edge IT] – **Senior Systems Engineer**

October 2019 – Present

[Lafayette/ Indianapolis, IN]

- Senior Systems Engineer, Lead Project Engineer, & National Tier 3 escalation support for all clients (medium/large-sized, k12, enterprise, datacenter).

- Setup, configure, and deploy iSCSI networks for HPE Nimble SANs. Setup & configurations of iSCSI switches. Setup and configuration of VMware clusters. Connect SAN storage to configured VMware vCenter clusters. Perform storage migrations to configured LUNS via storage vMotion. Setup DRS and HA. Manage and maintain VMware environments.

- Setup, configure, and maintain HPE MSA SANs (SAS/Fibre channel) for clients & perform storage migrations in VMware & Hyper V clusters.

- Configure & setup HPE/Cisco/Brocade/Ruckus/Aruba enterprise switches in enterprise environments. Troubleshoot abnormal network related issues (broadcast storms/ network loops).

- Setup, configure, and deploy 4 node Scale cluster at enterprise level client. Configuration of Fibre channel switches. Configurations of nodes. Setting up disaster recovery (DR) node and configuring VM replication to it. Migrations from current VMware clustered VMs to Scale cluster. Manage & maintain Scale cluster.

- Perform Azure migrations of on-prem servers to Azure cloud. Setup & configuration of Azure networking, P2S/S2S VPNs, VM structure, on-prem to Azure VM replication, network security groups & firewall rules, test migrations, full migrations. Troubleshoot any issues with final migrations.

- Setup, configure, and deploy Layer 2 and Layer 3 switches in schools to replace existing Cisco/ HPE hardware. Ensure all connectivity

and switching/ routing. Troubleshoot networking/ infrastructure related issues at the Layer 2 and Layer 3 level in a corporate/ school environment.

- Setup, configure, and deploy Meraki Access Points in schools to replace existing hardware. Ensure all connectivity to wireless devices.

- Setup, configure, deploy & manage Sophos XGS/XG, Watchguard, & Cisco ASA firewalls for clients. Setup HA pairs. Routine firmware updates.

- Manage & maintain FortiGate and SonicWall firewalls for clients.

- Setup and configure site to site IPsec tunnels, and remote access VPNs on firewalls. Configure SSL certificates for firewalls and VPNs.

- Penetration tests and PCI compliance vulnerability scans performed for clients. Mitigation of vulnerabilities.

- Setup, configure, maintain VMware vCenter multi-clustered datacenter for hosted client firewalls, servers, applications. Perform cluster upgrades.

- Major IIS 7.5 to 10 migration for clients. Microsoft SQL Server troubleshooting & database migrations. Office 365 administration for clients.

- Setup, configure, and deploy DUO MFA for remote VPN authentication, PC/Server login, & Office 365 to comply with Cybersecurity Insurance.

- Mitigate malware attacks on corporate networks. Find source and come up with step-by-step processes to clean up infections.

- iSCSI backend setup & configuration for exacqVision camera systems for school corporations. Backend storage connection to Synology SANs.

- Setup, configure, and deploy servers (HPE, Dell, Lenovo, IBM) for head offices and remote locations. VM server deployment & migrations.

- Perform P2V/V2V Server migrations (VMware, HyperV, Scale). Server migrations to Server 2019/2022. Migrate FRS to DFSR. Robocopy scripts.

- Setup and deploy Endpoint Security on corporate networks (MDR, XDR, Ransomware protection).

- Configure and troubleshoot synchronization of NAS devices between sites (Synology & QNAP).

- Setup, configure, and deploy backup solutions for clients. Manage & maintain backups and fix issues as they arise.

- Create network diagrams for clients. Documentation for all clients/ projects into ITGlue.

[Cirkuit Networks] – **Network Engineer** – *Part-time*   December 2019 – Present

[Indianapolis, IN]

- Monitor, manage, and maintain 4 node VMware vCenter cluster environment (FreeBSD, Linux, Windows Servers) in datacenter. FreeBSD dominant environment. Setup and configure vSphere replication between two SANs for disaster recovery scenarios.

- Setup, configure, and deploy new Dell EMC ME4024 SAN. Creating LUNs, connecting servers to SAN, and mapping LUNs in VMware cluster & creating datastores.

- Monitor, manage, and maintain Cisco ASA firewalls (HA pair). Create rules and best practice security configurations. Make necessary firmware & security patches to firewalls. Replacing firewalls in HA pair as they fail.

- Setup, configure, and deploy new development & production servers in VMware environment (FreeBSD 12 – BIND, APACHE, PHP, MYSQL, SSH).

- Clone existing new dev & prod servers and create templates to deploy on new servers for migration of FreeBSD 11 to 12.

- Monitor, manage, and maintain Dell hosts, Dell EMC SAN, and Cisco switches. Replacing switches as they fail.

- Launch new client websites to go live with company. ASA configuration. BIND configuration. Apache configurations on production servers.

Deploy SSL certificates with Let's Encrypt on production servers.

- Manage & maintain BackupExec backup solution for all servers and data. Migration from BackupExec to Veeam Backup & Replication.

- Troubleshoot any configuration issues with servers or client configurations.

- Create documentation of processes and best practices. Providing best practices for migrations from Server 2008 R2 to 2019.

- Deploy and configure major VMware cluster environment upgrades, updates, and patches to hosts and vCenter with zero downtime involved.

[Roeing IT Solutions] – **Systems Engineer**   August 2017 – October 2019

[Lafayette, IN]

- Provide technical support, troubleshooting, & network solutions for all MSP clients & Project implementation. (medium/large-sized, k12, enterprise). Remote & on-site troubleshooting of network, infrastructure, & server related issues (DDoS attacks/UDP/TCP floods).

- Set up & deploy Sophos XG/SG & Watchguard firewalls with best practice configurations. Setup IPsec/ SSL VPNs & client remote access.

- Set up & configure servers (Server 2012/2016/2019) & migrate roles, data, etc.

- Remotely monitor & manage client's infrastructure with RMM tools. Respond to client Internet, Server, Infrastructure outages.

- Configure/ setup Terminal Server with Office/ Office 365 apps. Configure licensing. Setup users and access to server.

- Monitor & maintain client's vCenter, ESXi, Hyper-V/ Cluster servers & VM infrastructure to ensure network environment optimization, redundancy, and HA.

- Perform P2V/V2V Server migrations (VMware, HyperV). Server Migrations 2019/2016. Migrate FRS to DFSR. Metadata cleanup. Robocopy scripts.

- Provide network solutions for clients undergoing network & infrastructure related issues.

- Perform monthly server patching & network maintenance for clients.

- Monitor & maintain client backups. Ensure backup software is running properly. Provide new backup solutions for clients, cloud & local.

- Built a WDS server integrated with MDT & image creation for deployment of machines (desktop & laptops). Windows 10 Deployment.

- Setup & manage client Office 2016/2019/ O365 accounts & software/ on-prem Exchange. Deploy Office on Terminal/ RDS servers.

- Office 365 administration for clients. Backup restoration for Servers, PCs, Files, and Emails.

- Document & manage information in ITGlue, Evernote & ConnectWise.

- Create network diagrams & network administration for Plainfield Schools. Perform network administrative duties for Logansport Schools.

- Setup policies for 802.1x networks in NPS for wireless access, & security groups in AD. Setup & configure wireless APs.

- Setup VLANs on APs, switches, & firewalls, & route traffic properly.

- Configure & setup HP/Cisco/Brocade Enterprise switches. Troubleshoot abnormal network related issues (broadcast storms/ network loops).

- Troubleshoot IBM Blade/ Lenovo/ HP/ Dell & servers. Pull DSA, IMM/ ILO/ iDRAC logs. Perform firmware updates on servers.

- Create scripts for mirroring/ copying data & NTFS permissions.

- Monitor, manage, & deploy Sophos Central Endpoint to clients.

[Wabash Center/ EA Staffing] – **Systems Administrator**   May 2014 – August 2017

[Lafayette, IN]

- Maintain two VMWare vCenter Servers and organize ESXi host servers into clusters for best optimization and redundancy. Perform necessary upgrades, migrations, and other maintenance on VMs and hosts. Perform hardware upgrades on ESXi hosts.

- Performed Server 2003/2008 migrations to Server 2012 R2. Convert physical servers to virtual using P2V converter.

- Maintain Microsoft Windows 2003/2008/2012 Servers (Virtual & Physical). Maintain Cisco wireless Access points.

- Manage and maintain backups, repositories, and tape drives with VEEAM Backup & Replication. Previously used Symantec Backup Exec 2010/13.

- Provision, deploy, & maintain end user Windows 7/ 8.1 Pro desktop PCs, laptops, tablets, and company Blackberry company phones.

- Upgraded Juniper Firewall & Websense Web Filtering devices to Sophos UTM. Manage firewall rules/ exclusions and SSL web proxy for users.

- Maintain and deploy Avast & Symantec Endpoint Protection, making sure all clients have the most up to date engine and virus definition versions.

- Solve end user tickets using Spiceworks Help Desk software. Troubleshoot & resolve user, systems, and network related issues.

- Configure, install, and deploy Axis Cameras. Manage and maintain Axis Camera Server. Fetch recorded video for employees at request.

- Provision new-hire emails/ accounts in Microsoft Exchange 2007 and Active Directory. Set up work email on employee personal devices.

- Push newly imaged desktop PC, laptop, and tablet updates/ software out via WSUS server & System Center Essentials.

- Manage and maintain users, computers, OUs, and security/ distribution groups in Active Directory.

- Provision and deploy employee extensions and settings on Shoretel IP Company Phones using Shoretel Director Admin Web Console.

- Manage remote clients via DameWare, RDP, TeamViewer, and ScreenConnect software. Set up users for VPN access and RDP via Terminal Services.

- Created and deployed company-wide image using imageX and WDS; automated the install creating an answer file using WSIM.

- Manage and maintain Network Certificates. Installed and renewed certificates as needed, pushing new certs out through Group Policy.

[PC Support/ Repair] – **Owner**	March 2007 – August 2017

[Lafayette, IN]

- Systems Administration, Network Administration, Server Administration, Backup Administration, Virus Removal & Protection, Remote Support, Data Recovery, Network Installations & Repair.   (Commercial & Contract, Small Business, & Residential)

[Geek Brigade] – **IT Technician**	October 2012 – August 2017

[Delphi, Monticello, Kokomo, IN]

- Performed various Server/PC & network troubleshooting for clients in Monticello, Kokomo, and Delphi locations.

[Smart Source LLC] – **Computer/ Networking Technician**	November 2013 – May 2014

[Lafayette & Surrounding Area]

- Perform various Server/PC & network troubleshooting for Chase Banks and other commercial clients ranging a 60 mile radius.