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**OBJECTIVE**

Seeking a challenging Lead Technical **(Sr. System Engineer)** position which will allow me to utilize my **16 years of IT experience.** Strong background in designing, implementing, supporting, managing, and **providing technical leadership, standards, and best practices to infrastructure teams during network design and build phases initiatives**. Proven expertise includes many facets of large enterprise systems, network and cloud engineering and design. Looking for growth within an organization that values strong technical skills and driven initiatives.

**QUALIFICATIONS**

Over 12 years of experience (including the ability to setup, configure, upgrade, manage, and troubleshoot) **AD Forest, Domains, Trusts,** Group Policies, OU’s, **FSMO Roles, AD Schema, AD replication** (LAN/ WAN) **DNS Zones**, (Replication & Resolution), **DHCP** & Split scopes Delegations, **IPAM**, GMSA Accounts, File & Print Shares & Permissions, IIS 8.5, MS-SQL, **WSUS**, SCCM, AD Federation Services **(ADFS)**, PKI, Certificate Services.

Hands-on experience on designing, migrating, and migrating Azure IaaS and **Hybrid environment,** including **Azure AD Administration,** installing **AD Connect** to Integrate on-premises AD with Azure AD, configure multi-factor authentication (MFA) and federated **single sign-on (SSO),** Conditional Access,and **AD Application Proxy,** Deployment of Windows and Linux VM’s.

Responsible **for creating and managing Azure AD tenants and subscriptions**, Azure AD DS, manage users, resource groups, RBAC, storage accounts (blobs, file), Azure Resource Manager (ARM), and configure application integration with Azure AD.

Extensive experience working in different projects with Azure services such as **Azure IAM, PIM, Security Center**, vNet, vNet Peering, Azure Functions, Auto Scaling, **Azure DNS, Network Watcher, Log Analytics, Azure Firewall**, Firewall Manager, NSGs, ASGs, UDRs, Key Vaults and experience with cloud automation using Azure Automation Accounts and PowerShell templates.

Experience and hand-on with designing, installing and implementing VMware ESXi server, vSphere permissions, setting up vCenter, setting up VMs, setting and configure vMotion, HA, DRS, and FT settings, Cluster groups, Resource Pools, Host Profiles, Licensing Templates and networking (vSwitches - VLANs, Tagging, Port groups).

Experience (3+ years) **scripting with PowerShell** for Active Directory and Desire State Configuration maintaining consistent AD deployment as well as for administration, assessment, auditing and creating automation tasks.

Hands-on experience designing, implementing, managing, and configure client network environments, WAN/LAN devices, i.e. L2/L3switches, routers, & AP’s, firewalls (ASA w/FirePower, Palo Alto), VPN concentrators, Load Balancers, Radius Servers.

**EDUCATION & CERTIFICATIONS:**

**CompTIA:** **Security+**

**Cisco:** **CCNA** (Cisco Certified Network Associate) **CCNP** (Cisco Certified Network Professional) Enterprise

**Palo Alto:** Palo Alto Networks Certified Cybersecurity Technician **(PCCET)**

**Microsoft:** **MCSA:** Windows Server 2016& **MCSE:** Core Infrastructure

Microsoft Certified: **Windows Server Hybrid Administrator Associate** (AZ-800 & AZ-801)

**AZ-800)**

Microsoft Certified: **Azure Administrator Associate** (AZ-104) **& Azure Solutions Architect** (AZ-305)

**EXPERIENCE**

**AD & Azure Network Engineer,** AKUVO (Contract). January 2023 – Present

Work closely with IT SVP and suggest architectural improvements, design and integration solutions.

**Designed Network Security Groups (NSGs)** to control inbound and outbound access to Network Interfaces, VMs, and Subnets and for two tier and three tier applications and **implemented various User Defined Routes** (UDRs) with custom route tables for specific cases to force tunneling to the internet and control internal traffic for virtual appliances.

Responsible to setup 4 and manage 11 Azure Site to Site VPN connections for customers and working with Azure Services such as an Application Gateway, Web Application Firewall (WAF), Load Balancer, NAT & VPN Gateways.

Responsible for configuring alert notifications to monitor heartbeat, CPU, Disk Space, and Memory Alerts in Azure Monitor, reported to SVP of IT and engage on providing more resources when needed.

Responsible to manage and provisioning user accounts (b2b, b2c) and role-based policies for access to Azure services.

Currently setting up Meraki VPN to require 2 factor authentication (one with Azure AD Integration and the other with Meraki System Manager Agent as a requirement for any client that wants to stablish a VPN connection).

**Lead Technical Engineer,** Amita Health (Ascension).May 2014 – November 2022

Responsible for design, administration, migration and troubleshooting of large **multi-site multi-domain Hybrid environment** VMware farm with Cisco Hyperflex and Hyper-V, Nutanix, hypervisors, 2 clusters across (24) host and VM guest storage and VM migrations and the administration of Windows 2012 | 2016 | 2019 Servers – Multi-Forest, 14 Domain Controllers, 18 AD Sites & Services, 23 OUs, 300+ Security Groups, 60+ GPOs, DFS, Certificate Management, LDAP, and SCCM for Windows Updates & software deployments.

Worked with DevOps teams to architect around Datalake, Azure SQL Databases, app services and to ensure high availability for VM deployments.

Worked with complex infrastructure (multi- datacenter, **private & public azure cloud and hyper converged environment**) issues related to healthcare applications in a 12-hospital, with 1,600+ virtualized servers, 24 hosts and more than 90 physical servers.

**Lead the migration of 117 physical and over 800+ virtual servers** from one old data center to new colocation data center. Worked with application, vendor, and business teams throughout the 7-month timeline with just little impact to the daily operations.

Configure, build, maintain, and administer ESXi Servers including doing the patches, updates guest OS installation, setting up of VM properties, cloning and snapshots.

**Architecting, design and implementation of Azure Networking**: Virtual Networks, Load balancers, Application Gateway, VPN Gateway, Azure DNS, S2S VPN, NSG’s, Virtual NAT, and Express Route.

**Lead the integration** on-premises Windows AD with **Azure AD,** Install AD Connect, created and manage Azure subscriptions, Resource Groups, configure multi-factor authentication (MFA), **IAM functionalities** like role modeling, RBAC, SSO, Identity Federation, and deployment of Azure Resource Manager, Azure Migrate, Azure templates, Azure Blob, storage, Azure VM’s (Scale Sets) and Azure Key Vaults.

**Sr. Network & Systems Engineer,** Accenture (IA Consulting Inc.) November 2013 – April 2014

Worked with projects included Upgrade the wireless infrastructure Core and access switch stacks replacing end of life Cisco and Arista devices (switches) and **manage Cisco ASA and Palo Alto firewall,** switch/router installs and responsibilities also include troubleshooting, creating, and modifying firewall rules as needed. Daily working with Infoblox / SolarWinds IP management.

Responsible for monitoring internal and external hardware, software, network connectivity, status IT infrastructure (utilizing ping, SNMP traps, customer scripts) by using SolarWinds, Splunk, WireShark (and other monitoring tools) to monitor.

**Responsible for maintaining the LAN and WAN operation infrastructure** while working in a team of IT Administrators. Such responsibilities will include: System upgrades, system documentation, daily administration and problem resolution with technologies such as Static Routing, OSPF, VLANs, Etherchannel, Port Security, ACLs, MPLS, NAT, WAPs, RSTP, GRE, VPN.

**Team Lead Engineer / MSP IT Consultant**, Micro-Technologies Inc. March 2008 – November 2013

**Direct and lead the day-to-day activities** of the IT Integration and the deployment of each day from delivering both client facing and internal IT Projects including planning, pre-project documentation, project plan creation, **setting and managing client expectations** for project, setting and measuring project success milestones, project implementation and full documentation of process and outcomes.

**Participating in the design, design validation,** installation, performance monitoring, optimization, troubleshooting, and maintenance of a variety of systems and hardware platforms including but are not limited to: firewalls, switches, wireless access points, physical server hosts, SAN devices, data storage hardware, VMWare and Hyper-V servers and virtual appliances.

**Technical lead** for project rollouts from **deploying, configuring, and documenting VMware ESX or Hyper-V infrastructure** (Hosts), 5 to up to 50+ VMs per Host across one, or multiple and separate environments (locations), setting up **their AD, DNS, DHCP, GPOs,** Print and File (DFS) Services. This could include VPN setups, SAN Storage, Layer 2 & 3 configuration (switches, routers, firewalls, WAPs).

Responsible for hiring staffing and **managing a team of technical IT Service associates** and provides coaching direction and leadership while creating an engaging and rewarding work environment.

**NOC Engineer**, e-signal (Next Level Inc.) Overnight 1am – 8am November 2007 – April 2008

**Network Administrator**, Canon (ASI System) Morning 9am – 5pm November 2007 – November 2008

**Sr. Desktop Engineer**, GMAC (Robert Half Technology). June 2007 – November 2007

**Help Desk Analyst**, Zavata June 2006 – May 2007

**Depot Repair Specialist**, Insight September 2005 - June 2006

**LANGUAGUES**

**Bilingual:** English and Spanish

**TECHNICAL SKILLS & PROFICIENDIES**

**Cloud Platforms:** Azure (advanced), AWS (moderate)

**Windows OS:** Windows 7/10, Linux, Server 2008/2012 R2/2016 R2/2019 2022.

**Microsoft:** Intune, Office O365.

**Hypervisor Technologies:** VMware ESXi (5.X, 6.X) vSphere (5.X, 6.X), vCenter Server, Network/Compute/Storage, Windows Hyper-V, and Nutanix Hyperconverged Infrastructure, vMotion, HA, DRS, NSX

**Protocols:** IP, TCP, UDP, ICMP, NAT, CDP, DNS, DHCP, SNMP, SYSLOG, SSL, FTP, DNS, DHCP, IPsec, ACLs, MPLS.

**Cisco Routers:** 1841, 1921, 2951, 3745/3845 4451, 7200VXR & ASR1K

**Cisco Switches:** 2960, 3550/3650/3750/3850/ 4500, 6500 & Nexus 5k/3k/2k

**Routing Protocols:** Static Routes, Persistent Routes, EIGRP, OSPF, MPLS/VPN (SD-WAN, DMVPN)

**Switching Technologies:** VTP, STP, RSTP, Port Security, DTP, VLANs, Private VLANs, Trunking, TACACS+ and RADIUSE, ther-Channels, LACP, PAGP, FHRP, HSRP, DHCP Snooping.

**Tools:** SolarWinds, WireShark, AD Audit, (ServiceNow), Infoblox, F5.