
DIEGO URIBE

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Objective	Systems Engineer with over 15 years of Information Technology experience is seeking a challenging role to leverage my technical proficiency, strategic problem-solving skills, and commitment to driving operational excellence in a dynamic environment
Education	Florida International University, Miami, FL <i>Bachelor of Science, Electrical Engineering</i>
Certifications	Google Cloud Leader Certification Microsoft Certified Azure Fundamentals Microsoft Certified Azure Artificial Intelligence Fundamentals Microsoft Certified Azure Artificial Intelligence Engineer Associate Microsoft Certified Professional Microsoft Certified Systems Engineer VMware Virtual Certified Associate – Data Center Virtualization 5.5 VMware Virtual Certified Professional – Data Center Virtualization 5.5, 6.0 Zerto Certified Professional Basic – 4.5, 5.5
Employment	eSolutionsFirst, Tampa, Florida <i>Systems Engineer (Contractor), March 2024 - present</i> <ul style="list-style-type: none">• Design, build and implement MCP servers used to publish indexed content to agents as part of the Capstone project in Artificial Intelligence (AI), improving scalability and manageability• Filter questionnaire response data for a sentiment analysis using AI Foundry and Python scripts in Azure, improving the accuracy of AI-driven insights• Manage 12 Cisco UCS blade servers and software applications using Cisco UCS Central in a multi-domain environment, ensuring seamless operations and system reliability• Review server security vulnerabilities using Qualys and BigFix reporting tools for over 900 servers in Latin America ensuring they are fully patched and up-to-date to prevent operational downtime• Manage over 1000 virtual servers in the US running VMware 7.0.3/8.0.2 with Microsoft Windows 2016, 2019, 2022 and RHEL 8.6 and 8.8 in the Dallas and Montvale datacenters ensuring optimum performance and reliability• Participate in daily and bi-weekly meetings to discuss patch management, server administration and operations, BigFix standard operating procedures (SOP), providing updates, solutions, and recommendations• Collaborate with teams and vendors with hardware replacements ensuring timely completion to meet SLA metrics and maintain system reliability• Collaborate directly with stakeholders to prioritize requests and provide frequent updates, improving communication and efficiency in support escalation using ServiceNow software• Participate in the development and maintenance of SOP documentation enhancing accessibility and organization by uploading them into Confluence and SharePoint 1010Data, New York, New York <i>Systems Engineer, July 2022 – January 2024</i> <ul style="list-style-type: none">• Maintained 3 datacenters, securing over 1500 virtual and physical servers, cloud storage accounts, blob storage, resource access (IAM), server onboarding/offboarding access to maintain security compliance• Built Azure Virtual Desktop environments to improve cloud administration using Host Pools, Scaling Plans, Scaling Schedules, Application Groups, Workspaces, MSIX, Image Creations, FSLogix and Azure Entra ID (IAM)• Managed the VMware VSphere environment which consist of 3 datacenters, 100 physical hosts, and approximately 350 virtual machines located in Virginia, New Jersey, and New York datacenters, ensuring high availability, performance, and security of applications while maximizing hardware efficiency and controlling costs• Performed VMware patch updates on a quarterly basis for the vCenter server 7.0 and ESXi 6.7/7.0 hosts operating system to the latest patch level to remove vulnerabilities and ensure security compliance• Performed BIOS, Firmware and iDRAC upgrades on host servers in the New Jersey, New York and Virginia datacenters to maintain servers up to date• Decommissioned physical and virtual servers in all 3 datacenters, including documenting removal process, creating change management tickets, and updating GLPI server inventory database to meet audit requirements• Built PowerShell scripts to automate Veeam backups and Zabbix network monitoring tools eliminating repetitive manual tasks• Deployed and evaluated Ubuntu Linux Servers ZTP (Zero Touch Provisioning) automation build process and efficiency• Built new Azure Virtual Desktops (AVD) in production, development, and test environments, including building documentation on how to build these environments from beginning to end to help improve AVD build efficiency• Responsible for applying Windows and application updates, eliminating security vulnerabilities, correcting CrowdStrike security vulnerabilities as part of daily security maintenance

Seaboard Marine, Ltd., Miami, Florida
Senior Systems Engineer, May 2012 – July 2022

- Performed over 50 virtual machine migrations from VMware to Hyper-V saving the company approximately \$480,000 a year in VMware licensing and support fees
- Responsible for daily operations of 15 datacenters, 100 servers, 18 SANs, backup tapes and 15 temperature monitoring node devices, including training junior engineers at remote locations resulting in significant cost savings in training for the company
- Managed 30 ESXi hosts, 12 Hyper-V hosts and over 500 virtual servers with Distributed Resource Scheduler and High Availability in the United States, Central America, South America, and Caribbean data centers maintaining system reliability
- Upgraded 2 VMware vCenter servers and 30 Hosts from 5.1 to 5.5 to 6.0 to 6.5 at various data centers in the United States, South America, and Caribbean to improve cybersecurity posture, incorporate feature improvements and maintain vendor support
- Provisioned larger datastores in vCenter and Virtual Machine Manager (VMM) presenting new volumes to ESXi and Hyper-V hosts on the same cluster to increase storage capacity and availability
- Provided support of VMware and Hyper-V environment while maintaining adequate storage space, network connectivity, security compliance and patch updates to avoid business interruptions
- Implemented industry best practice maintaining server security, operating system and application updates current for all Intel based systems across the company
- Upgraded Commvault environment from 9.0 to 10.0 to 11.0 backup software, including managing deployments at remote offices, provisioning storage, implementing policy schedules, applying deduplication policies, and ensuring scheduled backups and restores completed successfully to protect company data against cyberattacks and security breaches
- Provisioned disk space as required for various storage area network (SAN) equipment: Pure (Flash Array), NetApp FAS 2020/3240/8020/8040, EMC 3100/3150/CX300/VNX E in a multi cluster server environment to prevent any business interruption
- Monitored the network and server environment using Solarwinds Orion and Solarwinds Virtualization Manager monitoring hardware, software, network latencies, surpassed disk space thresholds, memory utilizations and CPU loads to ensure hosts and virtual machines reliability and serviceability
- Managed Azure security administration and disaster recovery using Entra ID (IAM), Intune (MDM, MAM), storage accounts and ASR (replication), to maintain security compliance, business continuity and availability of workloads

Skills

Artificial Intelligence Tools:

ChatGPT 4.0, 4.1, DeepSeek 3.0, OpenAI, Claude Sonnet 3.5, Google Gemini, Microsoft 365 Copilot, Perplexity

Network Monitoring Tools:

Solarwinds (Orion & Virtualization Manager), What's Up Gold Professional Edition, Quest Free Network Tools, Network Scanner, Ping Plotter 5, Advanced IP Scanner, Zabbix, Elastic Elk, Grafana,

Operating Systems:

OnTap 8.2.1, Windows (10, 11, 2012/R2, 2016, 2019, 2022, Linux (Ubuntu 20, 22, Red Hat Linux Enterprise (8.6, 8.8), Mac OS X, ESXi (6.0, 6.5, 6.7, 7.0, 8.0)

Software:

Microsoft (Azure, System Center Virtual Machine Manager (SCVMM), Hyper-V 2019, Active Directory Users and Computers, Group Policy Manager Console, Exchange System/Management Console, Exchange Control Panel 2010/2013, Exchange 0365, Exchange Online Protection (EOP), Forefront Online Protection for Exchange (FOPE), Office 0365, Visio (2003, 2007), Project (2003, 2007), SMS 2003, System Center Configuration Manager (SCCM 2012), Failover Cluster Manager, Exchange Admin Console (2013/2016), VMware VSphere ESXi/Client (6.0, 6.5, 6.7, 7.0, 8.0), VSphere Web Console 5.5, 6.0, 6.5, 7.0, 8.0), UCS Central v2.0(1p), OnCommand System Manager 3.2.1, NetApp Configuration Manager 3.0RC1, EMC (Unisphere v3.1.1, Unisphere Central 4.0.0), Cisco (Unified Computing System Manager 3.1 (1e), Databricks, McAfee Endpoint Encryption, Symantec (Partition Magic, Anti-virus, Firewall), CrowdStrike, Qualys 3.19.0.2-5, Seagate/Veritas (Backup Exec, Exec View, Commvault 9/10/11), Veeam 12 (Backup & Replication), CA Unicenter (DSM, Software Delivery Explorer), BigFix Console v10/v11, Puppet, Clonezilla, PowerQuest Drive Image Pro, Symantec Ghost, Knoppix, RVTools, Cisco AnyConnect, ClearPass, Mimecast v4.0.17, Barracuda Control Cloud, Folder Sizes 7.0, PowerShell, Python, Exchange Server PowerShell, Azure CLI, Globalscape 7, Atlassian (Jira, Confluence), Service Now, Asset Vision (Scalable), Manage Engine, Datadog, Thycotic Secret Server 9.0, CyberArk v12.6.12, Symantec PCAnywhere, CA Unicenter Remote Control, Bomgar, Radmin, Lucidchart, PyCharm, Visual Studio Code, MSIX Hero, Idera SQL Diagnostic Manager 8.5, Bitbucket, GitHub, TortoiseSVN

Hardware:

DR Replication Appliance (Zerto), Web Filter (Barracuda 310), Servers, Routers, Switches, Security Cameras, Android/Apple Smartphones and Tablets, Load Balancers – (BIG-IP Configuration Utility (F5), Citrix /ADC), Cisco UCS 5108, Cisco B200 M3/M2 server blades, Cisco USCB-B2-M5 server blades, APC Smart-UPS Rack Mount, Bomgar, Avtech Room Alert

Storage (SAN/NAS):

Pure (Flash Array), NetApp FAS 2020/3240/8020/8040, EMC 3100/3150/CX300/VNX E, Cisco Nexus, QNAP (NAS)

Personal

Fully bilingual in English and Spanish, Excellent analytical and problem-solving skills, Rapport building with stakeholders