



Robert Sedillo

Email address: robert@fuzemail.net

Tech Certificate: AWS Cloud Practitioner

Education: Associate of Arts & Sciences - Dallas College

Profile

Systems Engineer with a strong background in maintaining on-premise cloud and infrastructure. Experienced in managing complex systems and driving technical projects through to completion.

Skills

① SOFTWARE / OPERATING SYSTEMS

MS Office 365

Professional

Windows 10/11

Professional

ServiceNow

Intermediate

① INFRASTRUCTURE

Windows Server

Professional

Linux Server

Professional

VMware virtualization

Professional

① NETWORKING

Cisco Fabric Interconnect

Professional

VLans

Intermediate

Subnetting

Intermediate

Strengths

Teamwork # Problem-Solving # Technical Proficiency
Attention to Detail # Strategic Planning

Work Experience

IT Analyst Solar Turbines - (Volt)

📅 02/2025 - present

Support infrastructure operations for Solar Turbine's overhaul site across three buildings, ensuring continuity and efficiency in day-to-day IT services.

- Support end-user technology by deploying and maintaining desktops, laptops, and engineering workstations, to ensure readiness for production.
- Resolve customer issues related to Windows 10/11, MS Office, and Solar corporate software, contributing to consistent productivity.
- Work with Test Cell engineers to rectify desktop or network issues that could impact testing operations.
- Deliver technical support across all user levels, maintaining a strong focus on customer service and timely resolution of issues.

Sr System Engineer DFW Airport - (contract)

📅 03/2018 - 03/2024

Participated in projects focused on enhancing infrastructure for airport operations, including the management of Cisco UCS and VMware environments to ensure high availability and performance.

- Contributed to system integration projects from initiation through successful delivery, participating in kickoff meetings, supporting project planning, and completing implementation efforts.
- Oversaw infrastructure upgrades and optimizations, including configuring UCS Fabric Interconnects with uplinks and port channels to improve connectivity and system throughput.
- Directed network segmentation efforts by implementing VLANs and vNIC templates in UCS, streamlining traffic flow and simplifying future scalability.
- Managed configuration changes such as enabling jumbo frames in both UCS and VMware environments, resulting in more efficient data transfer for

Work Experience

high-bandwidth workloads.

- Standardized server deployments by developing UCS server profiles and VM templates for Windows and Linux, accelerating provisioning times and ensuring consistency.
- Initiated the deployment of virtual distributed switches and associated VLAN port groups in VMware, enhancing network flexibility for virtual workloads.
- Played a key role in the Horizon VDI upgrade project, ensuring improved user experience and stability for remote desktop users.
- Led deployment of load-balanced Unified Access Gateways (UAGs) in the DMZ for secure and scalable VDI remote access.
- Partnered with cybersecurity teams to integrate Azure MFA for VDI access, aligning with security compliance requirements.
- Supported the successful migration of Airport Parking servers to Cisco HyperFlex platform, contributing to the modernization of critical infrastructure systems.
- Collaborated cross-functionally to troubleshoot and resolve Windows Server and virtualization stack issues, reducing downtime and increasing system reliability.

Infrastructure Admin Solar Turbines - (Volt)

📅 01/2016 – 03/2018

Supported infrastructure operations for Solar Turbine's overhaul site across three buildings, ensuring continuity and efficiency in day-to-day IT services.

- Acted as the primary point of contact for a network upgrade initiative led by parent company, Caterpillar, facilitating clear communication between corporate stakeholders and local teams.
- Coordinated with local contractors to implement infrastructure upgrades, ensuring compliance with company standards for MDF, IDF, and WAP hardware and cabling.
- Provided administrative support during a site-wide multi-function printer upgrade project, tracking progress and assisting with deployment logistics.
- Managed the planning and execution of a project to expand the fiber optic network to a new campus building, including timeline coordination and vendor communication.
- Oversaw vendor activities for the installation and configuration of wireless point-to-point links, enabling connectivity between campus buildings.
- Supported end-user technology by deploying and maintaining desktops, laptops, and engineering workstations, to ensure readiness for production.

Systems Operation Analyst XTO Energy

📅 03/2012 – 10/2015

- Provided operational support for Windows virtual servers, ensuring optimal performance and reliability for business applications.
- Deployed new Windows VM servers, which streamlined our infrastructure and improved system responsiveness.
- Investigated and resolved connectivity and performance issues on Windows servers, helping to minimize downtime and enhance user experience.
- Configured Windows server DHCP scopes for new networks, which improved network management and resource allocation.
- Conducted rack and stack of ESX hosts, facilitating better organization and efficiency in our data center operations.

System Administrator Brinks Inc

📅 10/2006 – 03/2012

- Supported physical and virtual servers ensuring reliability for all systems.
- Utilized Solarwinds to effectively investigate network issues at remote sites.
- Managed tickets with AT&T and Verizon to troubleshoot circuit issues.
- Implemented a Linux appliance for monitoring servers and network devices.
- Conducted rack and stack of servers in the local datacenter.