



Kali M.

Systems Engineer

WORK EXPERIENCE

Senior Systems Engineer Solutions Architect

PCI – Buffalo, NY - 2021-01 – Current

- Office 365 Migration Subject Matter Expert
- BitTitan, Avepoint Fly, PowerShell 5/7
- Dell EMC
- Exchange 2013 to 2019 Migration
- HP 3Par
- Barracuda Cloud Backup Config and Management
- Azure, MDM, Exchange, Hybrid Deployments, AutoPilot
- OnPremise Systems Migration to Cloud
- Active Directory Design/Security Buildout & Architecture
- VMware Infrastructure build and management
- VRealize build out and management
- VCenter redundant build/site resiliency with Veeam backup
- Linux Systems Hardening
- Windows Server 2019 Hardening
- SSO Implementation, Okta
- Network Migration
- Project Management

Systems Engineer

Microsoft - Redmond, WA - 2018-03 – 2/2020 (BUFFALO, NY)

- Windows Server 2016 AD Migration & Management.
- Support Windows 10 servicing model and lead the deployment of 2000+ Win10 workstations.
- Single Sign on and Multi-Factor Authentication in a Windows 2016 environment. Additional duties included Administration of the Azure/ On Premise virtual environments, server hardening.
- 24 hour NOC monitoring via Microsoft MOM



- Responsible for deploying Windows 10 OS to over 1000 workstations via SCCM.
- HPE C7000 BMC Configuration & Deployment
- HPE ProCurve 6120XG Configuration & Deployment
- Exchange 2010 to 2016 Upgrade
- Office 365 Migration / Administration SME
- Experienced On Premise VMware Management/Configuration
- iSCSI Fiber Configuration
- Redundancy/Failover Configuration & Documentation

Systems Engineer

Delaware North Companies - Buffalo, NY - 2016-06 - 2017-11

- Windows Server 2012/2016 AD Migration & Management
- Site Hyperconverged datacenter design and installation HP / Dell Blade Chassis
- Linux Server Builds & Management
- AWS VPC Administration & Configuration IAM
- Network Cabling, Termination, Testing & Certification
- 200+ Sites On Premise/Off Site VMware Management/Configuration
- Project Management / Change Management
- Python Script Development
- NOC monitoring / 24 hour oncall
- PowerShell Script Development
- Office 365 Migration / Administration / Troubleshooting
- VB Scripting
- Product Vendor Support
- SQL Configuration & Management
- IIS Configuration & Management
- Microsoft Patch Management
- VMware Infrastructure Upgrades to 6.0 & 6.5
- VMware VCenter Server Appliance Administration
- Cisco UCS Configuration & Management
- Cisco Wireless / Radius / Concentrator Deployments
- Cisco WLC / Aruba Deployments
- Cisco Meraki Wireless AP Network Deployment
- Site Deployment/Configuration & Documentation
- Cisco Switch Configuration/Management & Troubleshooting
- Office 365 / Azure Configuration & Management
- Cisco ASA FirePower/SD WAN Deployment ASDM
- CommVault Configuration/Administration



- PCI/CDE Compliance
- Dell VRTX Architecture
- HPE DL380 G9 Cluster Architecture
- Oracle Micros Integrations
- Freedom Pay Point of Sale Integrations / Vivonet
- Property Management Systems Architecture

Systems Engineer

Ardent Mills - United States - Nationwide - 2016-03 - 2016-06

- Server, Systems & Network Cutover
- Transition of 43 sites throughout the United States & Canada
- Documentation & Asset Accountability
- SCADA Systems Migration
- Windows Server Migration
- End User Computing Migration

Systems Engineer

Delaware North Companies - Buffalo, NY - 2016-01 - 2016-03

- Decommissioning of 500+ IT Assets at Yosemite National Park
- Asset Inventory & Accountability
- VMware 4.0 - 6.5 Environment Integration, Backup & Decommission
- Dell VRTX Shared Storage Infrastructure Setup & Integration
- Vendor Contact for 20 + Applications, Backup & Decommission
- Citrix Environment Decommission
- Secure Purchase of \$50,000 + of IT Hardware & Project Equipment
- Active Directory Site Decommission
- Dell Equallogic Shared Storage Administration
- Dell Appasure Backup Appliance Administration
- Project Management Executive Summary Delivery

Systems Migration Specialist

Ingram Micro - Buffalo, NY - 2015-10 - 2016-01

- Microsoft Deployment/USMT ESM
- Migration of 1400 Desktop & Laptop OS and user state data



Systems Engineer

Boys & Girls Club - Buffalo, NY - 2015-07 - 2015-10

- Active Directory hardening, security and WinTel Server administration
- WAN security for 4 sites
- Citrix Zen App administration and maintenance, Citrix Access Gateway 4.5
- VMware 5.5 administration and maintenance
- Mobile Device Management (Cell Phones, Android Tablets, Apple iPads)
- Network Perimeter Hardening of Cisco Routers & Palo Alto firewalls

Systems Engineer/MS Windows Active Directory Architect

Mosaic451, LLC - Las Vegas, NV - 2014-09 - 2015-06

- Infrastructure build out and design for Windows presence
- Linux Server Builds & Management
- Windows Security policy and process management
- Integration of Windows (WinTel) infrastructure with Linux systems
- Windows infrastructure backup and restore processes.
- Migration from Free PBX to hosted PBX, management and processes
- Windows workstation imaging processes and procedures
- Management of all Mosaic451 clients Windows infrastructure, management and security
- Onsite and offsite management of client's network configurations and upgrades
- 24/7 NOC monitoring, troubleshooting and issue resolution
- Detailed documentation and procedures for all Windows systems
- LAN, WAN firewall configuration of Palo Alto, Juniper, NetScreen firewalls

IT Administrator

Bergman, Walls & Associates, LTD - Las Vegas, NV - 2014-03 - 2014-06

- Infrastructure evaluation
- Managed 70 User Microsoft Active Directory environment
- Server 2008R2, 2012R2 Security permissions for DFS data access
- Server 2008R2, 2012R2 Administrator security for server & data access
- Converted physical environment to a virtual environment with VMware 5.5, vCenter
- VMware 5.5 site resiliency configuration
- Migrated domain from Server 2003 x32 to Server 2012R2
- Redesigned Active Directory OU structure for easier group policy management



Systems Engineer

Allegiant Air, LLC - Las Vegas, NV - 2013-11 - 2014-02

- Daily management of the existing Microsoft Active Directory Domain (WinTel)
- Linux Server Builds & Management
- HIPPA, SOX, PCI audit, User security rights management to shared data, help-desk delegated permissions
- Administrative user auditing of Microsoft Exchange 2010 environment
- Microsoft Exchange Server 2010 management, troubleshooting
- PowerShell scripting for AD/Exchange account creation and management, VB & BAT scripting
- Backup System Administrator (NetBackup)
- Migration of backup data from CommVault & XiV storage to NetApp storage
- Multiple vendor relations, (Airbus, Symantec, Dell)
- Assisted in the implementation of call center phone recording solution
- Member of the on call rotation for 24/7 systems support, MOM, Nagios
- Troubleshooting of company equipment at colocation datacenter
- Daily administration of the VMware environment consisting of about 500 servers
- App River offsite management for in-house Exchange 2010 environment

Systems Engineer

Wynn Las Vegas, LLC - Las Vegas, NV - 2013-08 - 2013-11

- Microsoft Windows Server (WinTel) 2008R2 administration, re-design & management
- Built a new OU structure that allows for separation of client, user and group objects
- Created new group policy objects in cooperation with security policies
- Established security restrictions for users on all Kiosk machines
- Provided access for new and current AD users to appropriate security groups
- Consolidated group policies from 150 to 70 objects
- Participated in weekly change management meetings for change approvals

Systems Engineer, IT Supervisor, Salamanca Territory, NY

Seneca Nation - 2010-02 - 2013-01

- Microsoft Exchange 2007-2010 management and configuration
- AD Manager IAM implementation
- Domain migration from Server 2003 to Server 2008R2 with new child domain

- Installation, configuration & management of Fortinet gateway/VPN appliances
- Installation, configuration & management of Palo Alto UTM appliance
- IPsec VPN implementation of remote sites with ShoreTel phone access
- C++
- Virtual machine migration from Virtual Iron to Citrix environment
- RedHat, SUSE, Ubuntu Linux
- Managed security access to politically sensitive data per direction
- Managed security access of internal IT data for all IT staff
- VM template creation & management
- Configuration of Dell PowerConnect, Cisco 3550, 3560G, 3750 POE switches and fiber connections.
- Configuration of ShoreTel IP Phones, 90V/120 Voice Switches.
- Advanced configuration and troubleshooting of DHCP & DNS services
- Configuration of Cisco Wireless LAN Controllers and access points.
- Microsoft Windows Deployment Services installation, configuration & management (MDT)
- WhatsUp Gold installation, configuration & management
- Server 2008R2 file server installation, configuration & management (DFS replication groups)
- Managed the Nation's financial software (Microsoft Navision) systems upgrade from a single server operation to a clustered system using Citrix Xen and SQL server 2008R2
- Citrix Environment Server Hardening Best Practices
- Citrix Application Provisioning & Security
- Dell Equallogic storage solution installation, configuration & management
- SuperMicro SAN storage design, configuration & management
- Appointed Information Technology Supervisor of the Cattaraugus Territory responsible for 4 support staff with signature authority
- Appointed backup check printer authority in the event the payroll department couldn't execute their duties due to political reasons
- Maintained the CA Arc Serve backup systems, schedules and data replication scenarios.
- GFI Fax Maker installation, configuration & management
- Implemented a network video monitoring and recording solution with AXIS Communications to monitor server rooms, switch closets and asset access with strict security
- Negotiated 3 year Microsoft Volume Licensing contracts with Microsoft Reps to suit the needs of the Seneca Nation



Cooper Power Systems

Systems Consultant, Olean, NY - 2008-04 - 2008-06

- Novell Directory Services migration to Microsoft Windows Server 2003
- Day to day AD management, user issue resolution.
- Active Directory / Print server configuration & management

Dresser Rand Company

IT Infrastructure Support, Olean, NY - 10/2006 - 06/2007

- Microsoft Server 2003 Active Directory management
- User issue resolution
- PC refresh & imaging
- Inventory control
- PC/Server break fix
- Microsoft Office user troubleshooting & training
- Participated in weekly meetings with regional IT departments through WebEx

Olean Open MRI & CT

Network Administrator, Olean, NY - 09/2005 - 05/2006

- Server 2003 domain design, installation & configuration
- Medical Imaging Software installation & configuration
- Remote Desktop Access configuration

Mellon Technology Service

Network Administrator, Olean, NY - 09/2005 - 05/2006

- On site & in-house computer repair for all flavors of Microsoft Window
- Virus and spyware removal

Radio Shack

Tech Support & Sales, Olean, NY - 11/2003 - 08/2006



- Electronics Sales

MicroTraining Center & Business eTouch

Network Support/Technician, Olean, NY - 12/2002 - 08/2003

- Responsibilities included customer pc repair, custom design and builds
- Managed the internal network, email server and webcam server.

Adelphia Communications

PowerLink Technician (Call Center), Coudersport, PA - 09/2000 - 08/2002

- Responsibilities were to diagnose and troubleshoot customer cable modem connection issues. Email setup & troubleshooting. Provision of customer cable modems through the use of area Linux servers.

Blumenthal's Connecting Point, Inc.

Computer Repair Technician, Olean, NY - 06/1998 - 08/1999

- Responsibilities included customer pc repair, PC & Macintosh setup, data retrieval and onsite service.

CERTIFICATES AND LICENSES

- Planning and managing Windows 7 Desktop Deployments and Environments using Microsoft Deployment Toolkit, Windows Deployment Services & System Center Configuration Manager, 5/27/2011
- A + Certified Technician, CompTIA 1998

EDUCATION

Everest University - Tampa, FL 2007 - 2010 **Associates CIS**