

## Core Competencies

### **VMware:**

ESXi 6.5/6.0/ 5.5/ 5.0 ESX 4.1  
vSphere vCenter Server 6.7, 6.5, 6.0, 5.5, 5.0, 4.1  
vCloud Director 9.1/8.20/8.10/8.0.2/5.5.3,  
VMware vCloud Networking and Security 5.1.x, 5.5.x  
VMware NSX 6.X

### **DR / Business Continuity / Replication:**

Zerto Virtual Replication Suite 6.5/6.0/5.0/4.0

### **Citrix:**

XenApp and XenDesktop 7.15 LTSR/7.11, Netscaler VPX

### **Cisco UCS**

Cisco UCS Infrastructure, Cisco UCS Manager

### **Operating Systems**

Windows Server 2016/2012/2008/2003/2000, Windows NT, Linux, Solaris and Cisco IOS.

### **Hardware:**

Cisco UCS 5108 chassis, Cisco B200 M3 Blades, Cisco UCS C240 M3 Blade servers, Cisco UCS 6248UP Fabric Interconnect switch's, Dell RXXXs, Dell 1950/2950's, SUN T5240, M4000/5000, T1000/2000, V440, and tons of end of life systems from Dell, SUN and Compaq.

### **Storage Systems:**

EMC NVX 5200, EMC VNX 5600, Nimble CS3000/CS1000 and the Nimble CS300

### **Software:**

Alien Vault, USM, Microsoft SQL Server 2008 R2, IIS, APACHE 2.x, 3.x, VERITAS Volume Manager, Microsoft Office and Visio, NetCool, Remedy, Remote Desktop

### **Network Protocols:**

TCP/IP, UDP, SNMP, SMTP, TELNET, SSH, FTP/TFTP, POP, HTTP/HTTPS

### **Certifications:**

VMware VCP6 (VMW-01669582S-00526754) re-certified on Saturday, October 08, 2016  
VMware VCP6.5 (VMW-01669582S-00526754) re-certified on Tuesday, October 02, 2018  
AWS Technical Professional

### **Education:**

9/2013 - Global Knowledge - Administering Windows Server 2012 (M20411)

7/2013 - Global Knowledge - VMware vSphere: Install, Configure, Manage [V5.1]. Obtained VMware VCP 5.1 certification and is currently up to date to version VCP 5.5.

4/2000 - CEI, Carson, CA (Windows NT4 Certification Program, Novell CNA Certification Program and the A+ Certification program). Obtained certifications in each area but they have all expired.

## Career Experience

### **Green House Data**

Green House Data delivers VMware cloud hosting, colocation, managed IT services, and disaster recovery solutions backed by 100% SLAs from highly secure, nationwide data centers.

#### Cloud Services Senior Engineer– Green House Data 4/2017– Present

Install, configure and administer of VMware vSphere 6.x, vCloud Director 8.10, 8.20 and 9.1, vCenter Servers, deploy HA & DRS Cluster and manage cluster resources. Monitor the entire environments capacity and implement upgrades and add storage when needed.

#### *Job Highlights:*

- Worked on an automation project to automate private cloud builds utilizing Ansible and python. We were able to bring down install times from 5 days to around 12 hours start to finish.
- Successfully migrate customers from VCNI to VXLAN and upgrade the underlying NSX version once that was done.
- Successfully used Ansible to automate deployments of NSX and ensure consistency across GEO's
- Built custom PowerShell scripts to patch ESXi hosts with vCloud and Zerto. The script considers the two other services and migrates workload accordingly before moving on.
- Manage and support over 200 ESXi hosts under 20+ vCenter's in multiple GEO's
- Added capacity to multiple vCloud environments with little to no downtime. Downtimes were only needed when moving from AMD to Intel.
- Was part of a large project to offer Hyperscale utilizing AWS as one of our offerings.
  - Able to install and configure AWS resources utilizing best practices
- Worked on POC project for utilizing Azure as a DR target for Zerto coming from vCloud director
  - Able to install and configure Azure resources via the GUI and CLI
- Install, manage and configure new XenApp and XenDesktop 7.11 deployment for a 50+ users in high availability configuration utilizing Citrix Netscaler VPX's to manage a 50+ user environment
- Upgrade vCloud Director from 5.5.3 to 8.0.2 and migrated vCenter 5.5.3 from Windows server to vCenter Server Appliance 6.0 and upgrade all underlying hosts to 6.0.
- Upgrade vCloud director from 8.10 to 8.20 and migrated vCenter 6.0 from Windows servers to a vCenter Server Appliance 6.5 and upgrade all underlying hosts to 6.5 using the CLI and provided JSON's.
- Set up and configure vCenter (VCAH) utilizing HAproxy and keepalive
- Upgrade Zerto from 4.0 to 5.0 with minimal interruption to protected vRA's
- Set up and ran multiple migration and integration projects

## **Cirracore**

Cirracore is a provider of VMware-based Enterprise Cloud Infrastructure as a Service (IaaS) serving a global customer base. Cirracore provides Virtual Private Data Centers with dedicated resource pools for customers that need tighter security and control offered by public clouds. Cirracore is carrier-neutral with access to 180+ network providers to provide “on-net” Enterprise Cloud resources that do not traverse the Internet.

### Senior Cloud Engineer– Cirracore 5/2015– 4/2017

Install, configure and administer of VMware vSphere 5.x, vCloud Director 5.5.3, vCenter Servers, deploy HA & DRS Cluster and manage cluster resources. Monitor the entire environments capacity and implement upgrades and add storage when needed. Monitored and maintained the entire Windows Domain that supports our infrastructure.

#### *Job Highlights:*

- Install, manage and configure new XenApp and XenDesktop 7.11 deployment for a 500+ users in high availability configuration utilizing Citrix Netscaler VPX's
- Upgrade vCloud Director from 5.5.1 to 5.5.3 and VMware vCenter as well as all ESXi hosts
- Set up a standalone PCI environment from scratch and went through the entire PCI process.
- Set up and configured Alien Vault's USM to help achieve our PCI certification.
- Setup multiple Nimble storage arrays in multiple locations and migrated workloads to them with no downtime
- Maintain and configure Zerto Replication manager between two sites to ensure proper replication and make sure customers RPO's are met.
- Worked directly with a client that is a National retailer to ensure a smooth deployment before Black Friday.
- Monitor and maintain capacity on our EMC platform using EMC's Unisphere. Set up iSCSI LUN's for ESXi hosts as well as LUN's for clustered MSSQL VM's within vCloud.

## **EarthLink, Inc.**

EarthLink is a leading IT services and communications provider to more than 150,000 businesses and one million consumers nationwide. EarthLink empowers customers with managed services including cloud computing, managed and private cloud, and virtualization services such as managed hosting and cloud workspace.

### Sr. Systems Administrator – EarthLink 2/2013 – 5/2015

Install, configure and administer of VMware vSphere 5.x, 4.x, 3.5, vCenter Servers, deploy HA & DRS Cluster and manage cluster resources. Maintain and monitor a 6 CISCO UCS 5108 chassis environment with 37 UCS B200 M3 blades with over 600 + mixed OS virtual machines. This is a Flex Pod environment with added EMC storage. Monitor and maintain a multi Domain Windows Server 2008/2003 environment. This includes creating DNS entries, resolving DNS issues, creating new DHCP scopes and resolving issues with split scopes for proper load balancing.

#### *Job Highlights:*

- Build and configure multiple standalone ESXi 5.5 clusters with HA, DRS and deployed multiple new VCenter servers.
- Set up and configured a VMware VSAN cluster with multiple vDS switches for connectivity utilizing LACP.
- Migrate VM's from a broken standalone ESXi 5.0 VSA cluster to a new VSAN cluster (set up and configure) with mixed ESXi versions with no downtime.
- Work on migrations (50+) of physical/virtual servers with different Windows and Linux operating systems to virtual Platform using VMware converter. Includes virtualizing Server 2008 domain controllers with various roles like DHCP, DNS and Active Directory.
- Handle day to day tasks from customers with great communication skills and excellent follow up.
- Migrate multiple physical servers from one site to another. Using physical, network and server knowledge, able to handle migrations from start to completion.
- Provide on "on-call" coverage 24/7 to answer questions and/or respond to emergency situations.

## Data Center Tech 3 – EarthLink 11/2012 – 2/2013

This was a unique position I created based on my recognition of the need to ensure a process was in place to certify hardware and prevent delays once the hardware was racked and installed. Specifically, I set up a lab environment that mimicked a production kickstart environment allowing for a quick install of RHEL 5.x and tests of the server before installation. The main duties associated with this position were designed to keep the 2000 plus mixed server environment up and running.

### *Job Highlights:*

- Resolve break/fix issues and doing preventative maintenance.
- Keep inventory of break/fix parts available to minimize downtime.
- Train other employees to handle, during my absence, daily tasks and maintain documentation of common issues for easy resolution.
- Fix break/fix issues on Windows servers including failed RAID controllers, memory, failed drives and chassis swaps.
- Configure Dell DRAC's, Dell iLOM, Cisco CIMC's and install and configure operating systems remotely.
- Work with multiple departments scheduling downtimes and verifying the server's connectivity and functionality after the downtime.
- Provide on "on-call" coverage 24/7 to answer questions and/or respond to emergency situations.

## Sr. Data Center Technician – EarthLink 11/2011 – 11/2012

Oversaw facility systems that support Information Technology systems (servers, mainframes and storage) critical to overall business operation. Installed and cabled servers according to specific instructions from various departments. Handled day to day issues that arose in the Data Center including mechanical and server hardware failures. Worked closely with multiple departments to accomplish the task at hand.

### *Job Highlights:*

- Utilized my unique skill set to institute new procedures and create new processes fixing hardware issues. Specifically established the process of turning up network interfaces on Cisco switches and routers during the

server installation process.

- Maintained and repaired the numerous mechanical, electrical, security and fire protection systems found in the multiple, sophisticated data center environments.
- Assisted with the proper installation of computer and networking systems within the data center.
- Coordinated, oversaw, inspected and verified the work of external contractors, vendors and technicians working in the facilities.
- Performed necessary testing and commissioning on all new components, equipment and systems that were installed in the data center environment. Investigated and troubleshot problems with equipment to determine root cause of breakdown/failure.
- Interacted with all parts of the organization responding to a variety of service requests. Performed any and all work, apparent or assigned, to prevent accidents, business interruption and/or customer dissatisfaction.
- Inspected, monitored, documented and reported the condition of the numerous systems that made up the data center facility; ensuring the proper operation of the data center system in its entirety.
- Provide on "on-call" coverage 24/7 to answer questions and/or respond to emergency situations.

## ELNK Operations Center Tech– EarthLink 06/2006 – 11/2012

Tasked with real-time monitoring and troubleshooting EarthLink dialup, DSL and VoIP products. Tier 2 escalation point for all multiple customer affecting issues, both internally and externally to EarthLink. Perform physical and logical and security-oriented network modifications requested by network engineering team. Assisted with physical support for Windows and Linux servers.

(More details available upon request)

## Executive Relations Administrator – EarthLink 02/2001 – 06/2006

Handled escalation that came into the Executive office for any technical related issues related to DLS, Cable, Web Hosting and VoIP. I was tasked as the customers personal support representative during the duration of their issues. In this role I needed to keep up to date with EarthLink's latest products and was considered an SME in most if not all of them.

(More details available upon request)

## Escalation Technical Support– EarthLink 03/2000 – 02/2001

Worked with Broadband vendors on trouble tickets submitted through technical support. Worked on high level T1, DSL, and Cable issues at the vendor level. Identify trends and relate them to specific outages and follow up with vendors to improve the customer's uptime.

(More details available upon request)