Matthew Kohn

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Computer Knowledge

Windows:	Backup Exec 2007 and later, MSSQL, IIS, Globalscape WAFS, GuardianEdge, Network Policy Server, SCCM with MDT integrated 2007 and later, Goldmine PE, Active Directory, Group Policies, MSSQL 2008 and later, RIVA, Sharepoint 2013, Hyper-V, Failover Cluster, DFS, HyperV Replication, Exchange 2007 and later
Linux:	mysql (Basic), Openfire, Puppet, Nagios3/Icinga, GIT/Gitolite, SVN, BackupPC, Jenkins (basic), HAProxy, ASSP, Rancid, Confluence
OS Independent:	Vagrant, VirtualBox, Cisco Unified Call Manager (CUCM), Cisco Unified Connection (CUC), Cisco Unified Presence (CUPS), Wordpress, Cisco Ironport, McAfee Email Gateway, McAfee Quarantine Manager, Barracuda Message Archiver
Operating Systems:	Windows 2000 and later, Mac OS X, Linux (Ubuntu, Gentoo, CentOS), VMware vSphere
Languages:	Bash, Batch, Powershell, Ruby (some), Java, C++
Networking:	EqualLogic SAN, Nimble SAN, Cisco ASA, Cisco Catalyst 2960/4506, Dell PowerConnect 5500/7700/n2000/n3000/n4000, Ruckus Wireless, Unifi Wireless, VLAN, OSPF

Work Experience

Viagogo   San Francisco, CA

IT Engineer / Project Coordinator   *Jan 2014 – Present*

Project Coordinator
- Researched and setup project management software to increase communication and documentation
- Coordinated fortnightly, IT education meetings, standup meetings, and development team meetings to keep all team members well informed and up-to-date on current status
- Assigned each team member a major project and created rotating helpdesk/fast tracker of the week
- Setup guidelines for documentation on our wiki to ensure our documentation is standardized
- Assisted in authoring our company's Malta Compliance and PCI DSS technical documentation

Configuration Management/OS Deployment
- Implemented configuration management software for Linux (CentOS and Ubuntu) and Windows
- Automated the setup of OS using the respective configuration management software
- Rebuilt most Linux and Windows servers to meet our current standards all within configuration management

Site moves/Redesign
- Member of the team to design the hardware and layout for our new primary datacenter in Ireland
- Wrote all the networking configurations and automated Hyper-V server setup for the Ireland site
- Coordinate the SF office move including procuring new hardware for IT and helping with the logistics
- Rebuild Storage, Networking, and Virtual Hosts to increase high availability, security, and consistency

Miscellaneous
- Implemented Icinga to monitor and graph over to 2300 checks to ensure systems are operational
- Setup and customized gitolite for a git repo to automatically push configurations to respective servers
- Designed DFS structure to replace sole company file server and delegated to a member of the team
- Designed new exchange structure for multiple cluster and delegated project to a member of the team

Highmount Capital   Boston, MA

IT Associate   *Jun 2011 – Dec 2013*

File Server Redesign/SharePoint Intranet
- Designed and implemented company file server to alleviate communication problems among employees
- Replicated data to four sites vs two sites, to ensure employees fast and similar access to data
- Designed Role Based Access Controls that increased company information security
- Researched and tested intranet software options for internal use to achieve improved communication
- Worked with each department within the firm to build their own SharePoint intranet subsite

VMware Cluster Implementation
- Researched, purchased, and implemented Nimble CS210 SAN as storage for VM servers
- Moved from two VMware ESXi hosts to clustered VMware vSphere to achieve 'high availability' of systems
- Migrated the firm from 14 physical servers in 2 sites to 6 physical servers in 4 sites
- Implemented vSphere and all sub components to have centralized management of primary VMWare Cluster
- Shifted from a completely physical environment to a complete virtual environment

Phone System Migration
- Replaced core switches in primary offices to use VLANs, which increased security and setup QoS
- Researched, purchased, and ran daily maintenance on a Cisco Phone system

Configuration Management (SCCM/Puppet)

Selected and setup configuration management software to ensure all systems are standardized

Used the configuration management software for both operating systems to deploy and manage all systems

Portfolio Management System

Worked with six internal employees to select new portfolio management system (QED) for the firm

Assisted the team with all technical aspects to ensure they would work with our internal systems

Co-led team through implementation and migration from Advent Axys to QED

Miscellaneous

Reported to Chief Compliance Officer to ensure systems met/exceed SEC requirements

Built comprehensive monitor and bandwidth server to ensure all systems are operating normally

Authored policy and procedure manual for all company employees

Migrated all end user machines from Windows XP to Windows 7 SP1

Assisted marketing team to ensure standardization of companywide digital branding

Managed and oversaw daily tasks and projects completed by IT CO-OP (intern)

Assisted in the technical process of migrating firm to Goldmine CRM

Planned and carried out three IT office moves within a month with little to no down time for the end users

IT Intern   *Jun 2009 – Jan 2010*

Performed all IT requirements for 35 person company with locations in New York City, Boston, and Amsterdam

Coordinated company's relocation form a technical aspect

Negotiated and coordinated the installation of internet, phone, and wiring for new site

Configured new Cisco ASA for company firewall, VPN server and site-to-site connect between three sites

Revised and modernized company's server scheme, decommissioning four servers while reallocating others

Purchased and configured virtual machine server to optimize server performance

Reorganized the active directory using proper OU organization structure and implemented group policies

Created and maintained backup scheme for all company data including off-site storage

Built comprehensive Nagios monitoring server system with over 350 hardware and software checks

Assisted CCO in configuring and training several employees on all compliance related software and hardware

Department of Defense   Washington, DC

Project Manager   *Jul 2010-Dec 2010*

Agency wide laptop loaner program

Primary Technical Point of Contact for team and agency regarding laptops

Created non-attributable laptop image which can be installed on 45 different machines

Assisted in creating agency CONOPS (Concept of Operations) and internal policy for laptop program

Coordinated purchasing process for Capital Equipment Replacement Program

Specialized in understand the agencies' network equipment situation

Organized worldwide delivery of 13,000 desktops and accessories

Drafted and developed FY11 budget for CERP department

Inventory Management System (ASID)

Devised process for departments to concurrently clean and add necessary information to a database

Fabricated future process to make ASID a more complete database and manageable by end users

Worked with ITCOP team to visualize the database on an intranet page for management

3M, Brontes Technology   Lexington, MA

IT Coop   *Jan 2008 – Aug 2008*

Re-Implemented backups-company wide

Reorganized BackupExec and BackupPC software to backup all servers efficiently

Purchased and configured BackupExec DLO for all local employees personal machines

Built a custom installer for Lotus Notes 8 Suite to operate on AMD 64-bit build of Gentoo OS

Assisted employees, on and off-site, with their technical problems

Education

Northeastern University   Boston, MA

College of Computer and Information Science   *Sept 2006 May 2011*

Bachelor of Science in Information Science Business with concentration in

Entrepreneurship College GPA: 3.30 / 4.00; Cum Laude

Interests

Scuba Diving, Boating, Skiing, Network Security, Billiards, Cycling, Running, Cooking, Traveling