Server Engineer Server Engineer Server Engineer - Oldcastle Architectural Peachtree Corners, GA

Work Experience Server Engineer Oldcastle Architectural July 2018 to Present   Working on a team supporting IT infrastructure in 2 datacenters and 219 offices, both US and international   Lead, contribute, and design large-scale IT projects   Maintain and support a Citrix XenApp/XenDesktop 6.5 environment   Completed project to replace outdated Citrix Secure Gateway with Citrix NetScaler VPX(10) Virtual Appliance   Manage 30 hosts, 300+ VMs in our current vSphere environment   Build, configure and deploy VMs and templates, perform Physical-to-Virtual (P2V) and Virtual-to-Virtual (V2V) and migrations of servers   Install, configure, and maintain switches (QLogic and Brocade) and zoning in a fibre channel environment   Maintain and support NetApp and IBM N-Series SAN environments to ensure high availability and acceptable performance characteristics for VMware vSphere   Contributing to major project upgrading VMware vSphere 5.1 environment to vSphere 6.7   Project includes migration of VMs from outdated traditional vSphere infrastructure to new Cisco HyperFlex solution   Administer Microsoft Windows Servers (2008/2012/2016), Active Directory, DNS, DHCP and Group Policy   Increase team productivity and automate repetitive tasks by implementing PowerShell scripts and batch files   Manage backup solutions at data center including Veeam Backup & Replication and Veritas Backup Exec   Play key role in the implementation of SOX(Sarbanes-Oxley) compliance for IT systems and related IT policies, respond to audits, design and document related controls, and participate in review teams   Work with IT Security Team on security strategies involving server infrastructure, antivirus, and email security (Cisco Cloud ESA Appliance C300V - IronPort)   Install, configure, and maintain GSI Spreadsheet Server   Install, configure, test and maintain operating systems, application software (including external applications that integrate with ERP), and system management tools   Perform problem analysis and resolution, and document processes   Provide proactive health checks, capacity management, and firmware updates as necessary to maintain the integrity of the environment Infrastructure Engineer CareerBuilder, Inc December 2012 to July 2018   Worked on four-man team supporting IT infrastructure in 30 U.S. offices, 20 international offices, 6 major datacenter locations   Designed, architected, and implemented virtual infrastructure environments

using VMware vSphere 5.5/6.5/6.7   Managed 300+ hosts, 1000+ VMs in the current vSphere 6.5 server environment   Built, configured and deployed VMs and templates, perform Physical-to-Virtual (P2V) and Virtual-to-Virtual (V2V) and migrations of servers   Developed, tested, and maintained disaster recovery plans for critical VMs and application data   Architected, designed and implemented Dell Compellent, Pure FlashArray, HP 3PAR, and XIO SAN environments to ensure high availability and acceptable performance characteristics for VMware vSphere and SAN-backed applications   Installed, configured, and maintained switches (QLogic and Brocade) and zoning in a fibre channel environment   Built, configured and deployed Instances, create custom AMIs, and manage snapshots in AWS (Amazon Web Services) EC2   Created and managed S3 buckets and policies   Migrated physical and virtual machines to AWS   Utilized Cloudcheckr platform to ensure application of AWS best practices in the areas of cost management, security and compliance, asset management, and resource utilization   Administered Microsoft Windows Servers (2008/2012/2016), Active Directory and Group Policy   Migrated end user file share data from physical file servers to Microsoft OneDrive   Leveraged SaaS-based LogicMonitor platform to monitor all infrastructure, collect performance data, and provide alerting   Automated management tasks, streamlined processes, and improved reliability, uptime, efficiency, consistency and security   Performed problem analysis and resolution and documented processes Systems Administrator Ventureforth, Inc May 2012 to November 2012   Sole IT support for three U.S. offices and three International offices   Responsible for maintaining IT infrastructure including Dell server hardware, Check Point UTM-1 270 Series firewall, Dell PowerConnect switches, and Linksys Cisco Systems router   Setup, configured, and managed resources in a VMware ESXi 5.1 virtual environment which included 100+ virtual machines   Implement VMware Lab Manager 4.0 for company Development and QA landscape   Build, deploy and manage virtual desktops using Citrix XenDesktop 5.1   Created LUN assignments and managed storage on Dell EqualLogic PS4000XV SAS, PS4000E SATA storage arrays   Maintained a Server 2008 / 2003 environment including support for DC's, DNS, DHCP, Active Directory, and Group Policy   Utilize CA Arcserve Backup R16 to perform regular data back-ups according to published schedule   Tested Veeam Backup &

Replication 6.1 to determine the feasibility, usefulness, and effectiveness in the environment

Assured reliability and performance of Oracle Database 11g instances running within CentOS 5.6

Deployed, configured, and managed IIS 7.5 and WebDAV 7.5 on Windows Server 2008   Installed, configured, and supported Oracle VM Virtualbox as required by Dev and QA for the purposes of application testing   Provide technical support/periodic on-call coverage to Sales, QA and Development roles regarding any mobile device hardware or software issues or installation requests   Utilize Salesforce to track software licenses and to manage support cases, resolutions, IT assets, and purchase orders   Manage mailboxes within CBeyond cloud-based email solution   Deployed, configured, and monitored Symantec Endpoint Protection Junior Systems Administrator Comverge, Inc February 2008 to May 2012   Led a four-man IT team that provides network, hardware, and desktop support for 700+ users in 21 offices across the U.S and South Africa   Maintained technical support representatives schedules and performed hands-on support alongside my team   Supported an environment comprised of Windows Server 2003/2008, Exchange Server Enterprise 2010, Windows 7, MS Office 2010, Barracuda Spam & Virus Firewall, Brivo facilities security, Symantec Endpoint Protection 12.1   Created and managed users, computers, groups, shared folders, and OUs in a Windows Server 2008 Active Directory environment   Provided level 2 Cisco VoIP, Cisco Unified Communications Manager, and Cisco Unity support   Installed and configured VMware Fusion 4 for Mac users who require Windows applications   Provided support for Mac OS 10.6 Snow Leopard, 10.7 Lion, and MS Office 2008/2011 for engineers and executive officers   Administered and supported various IP services such as DNS and DHCP   Configured and deployed BlackBerry smartphones utilizing Blackberry Enterprise Server (BES) 5.0.3   Created and managed commercial/industrial customer distribution lists using SmarterMail 9.0   Played key role in the implementation of SOX(Sarbanes-Oxley) compliance for IT systems and related IT policies, responded to audits, designed and documented related controls, and participated in review teams   Collaborated with systems administrators and network engineers to implement company-wide advanced system and network hardening including: TrueCrypt disk encryption, custom PC roll-outs, malware and spam prevention, and Web content filtration   Implemented Acronis Backup &

Recovery 11, Norton Ghost, and Clonezilla to streamline roll-outs and recover data, greatly increasing department efficiency and productivity   Utilized TriActive System's Management on Demand, a web-based helpdesk software system, to track software licenses and to manage user requests, trouble tickets, IT assets, and purchase orders   Collaborated with systems administrators, database analysts, and ERP support members on a project to implement RemedyForce (a Cloud-based IT helpdesk system built on the Force.com platform)   Informed management of potential problems, identified problem trends, made recommendations for system or network improvements, and documented policies and procedures for critical IT functions   Managed vendors and price of purchased technologies and services   Initiated, evaluated, and cost justified proposals to enhance business and presented to top management Computer Services Specialist III Georgia Institute of Technology September 2004 to September 2007   Provided network and desktop support for 200+ users   Responsible for an environment comprised of Windows Server 2003, Exchange Server Enterprise 2003, Windows 2000/XP, MS Office 2000/XP/2003, and Red Hat Enterprise Linux 4, and Mac OS X   Performed network administration functions, set up network user accounts/permissions, reset passwords, and administered group policies in Active Directory Maintained backup using Veritas Backup Exec and regular tape rotations   Troubleshot connection issues between computers, microscopes, high-speed cameras, and various other research lab devices   Tested operating system/application integration using VMWare Workstation 4.0   Tested and advised IT support team of methodologies for virus and malware identification, removal, and prevention   Supported remote users by phone, and remote control assistance via WebEx, LogMeIn Rescue, and Ultra VNC   Managed virus protection via McAfee VirusScan Enterprise 8.5.0i ePO Provided VPN support for users connecting back to the Cisco ASA 5510 Adaptive Security Appliance   Troubleshot wireless connection issues between Cisco Aironet 1200 Series access points, laptops, and smartphones   Supported Ethernet networks on Cisco Catalyst 3500 and 2900 Series switches   Cloned/Imaged hard drives, and recovered data using Symantec Ghost 8.0 Corporate Edition and BartPE   Supported OCE, Sharp, and HP network printers, scanners, and all-in-one devices   Evaluated and tested new software packages, tools, and implemented any

necessary upgrades to existing packages   Provided technical support for audio visual systems

Developed and documented a "Common Build Configuration for Workstations," departmental install

process   Advise department heads of advanced technology solutions that could potentially boost

productivity and efficiency   Collaborated with IT team in the creation and implementation of network

policies and procedures   Provided quarterly presentations for students, faculty, and staff

concerning PC and network security, network policy updates, and system changes   Managed

implementation, support and maintenance of inventory and renewed outdated hardware and

software when required   Beta tested Windows Vista to determine the feasibility, usefulness, and

effectiveness of rolling out to end users Education AAS Gwinnett Technical College 2003 Skills

Active Directory, Virtualization, Vmware, Scripting, Provisioning

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