Seth Bokelman

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Certifications

VMware VCP5-DCV
Microsoft Certified IT Professional: Enterprise Administrator
Microsoft Certified IT Professional: Systems Administrator
Symantec Technical Specialist: NetBackup 7 for Windows

Positions Held

Senior Systems Engineer, WoodmenLife, Omaha, NE   2015 - Present

Worked as part of a team to install, configure, and manage a wide array of Windows application servers, as well as VMware vSphere systems, and IBM N-Series storage arrays. Replicated data to remote site, participated in disaster recovery testing. Developed best practices for server creation, and management, as well as storage utilization and configuration.

Senior Systems Administrator, University of Northern Iowa   2006 - 2015

Designed, built, and administered numerous VMware vSphere virtualization clusters underpinning mission-critical campus-wide services. Established server virtualization and data protection services for campus-wide use on a chargeback basis. Evaluated, implemented, and administered Dell Equallogic, Compellent, NetApp, and Sun SAN and NAS products, as well as Symantec, Dell, Oracle/Sun/StorageTek, and Exagrid data protection products. Administered file and network servers, providing campus-wide DHCP, DNS, IPAM, WSUS, and network monitoring services inside the Network Services department of ITS. Implemented site-to-site VPN to replicate backup data off-site to University of Iowa.

Systems Administrator, University of Northern Iowa   2003-2006

Administered campus-wide wireless networking system, growing from 30 access points to over 200. Implemented 802.1x and WPA wireless encryption and authentication. Was one of three Enterprise Administrators in UNI's Active Directory environment, responsible for campus-wide data protection service, as well as Windows-based servers supporting the UNI data network for the Network Services department.

IT Specialist/PC Support Specialist, University of Northern Iowa   1999-2003

Provided desktop support for faculty and staff in the College of Social & Behavioral Sciences and College of Humanities & Fine Arts. Purchased, implemented, and managed 300 Dell desktop workstations as well as printers. Implemented Active Directory and Windows-based file services to coexist with legacy Novell Netware environment. Upgraded Windows NT 4.0 systems to Windows 2000 & XP and implemented Active Directory as well as Group Policy to manage them.

Education

B.S. in Psychology, Iowa State University   1999

Minor in Criminal Justice Studies

Skills & Experience

Storage: Thorough knowledge of iSCSI, NFS, and direct-attached disk storage systems. Eleven years of Enterprise-level backup experience utilizing both tape and disk-based systems. Experience with Symantec NetBackup utilizing LTO tape libraries and Exagrid disk-based backup appliances. Provided storage and replication services for Oracle RMAN, Veeam, and MS SQL backups.

Virtualization: Extensive experience with VMware vSphere versions 4 - 5.5, including vCenter on both Windows and as a Linux-based appliance. Moderate experience with VMware View desktop virtualization and Microsoft Virtual Server 2005. Administered an enterprise-wide service underpinning application, file, print, and SQL database servers.

Hardware: Eleven years of experience with Dell PowerEdge servers. Five years of experience with Dell Equallogic iSCSI storage arrays. Eleven years of experience with Oracle/Sun/StorageTek Tape Libraries as well as 4 years of experience with Dell tape libraries. Four years of experience with Exagrid disk-based backup appliances. Recently implemented Dell Compellent SC8000 storage arrays and FS8600 NAS using iSCSI protocol.

Software: Eleven years of experience with Symantec NetBackup. Have administered servers with Windows from NT 4 to Server 2012 R2, including both Active Directory and NT domains. Have implemented PRTG for SNMP & WMI based network monitoring, utilizing PagerDuty for alerting. Experience with numerous Microsoft networking services, including DHCP, IPAM, DNS, NPS, RADIUS, and WSUS.

Programming: Basic HTML and XHTML/CSS skills, Windows PowerShell and Batch scripting.

Networking: Have worked in Network Services department for 11 years, on network engineering team. Experience implementing 802.11a, b, g, and n wireless networking, including 802.1X and WPA/WPA2 authentication and encryption. Have designed and implemented virtualization and backup systems spanning multiple VLANs to segment, secure, and optimize network operations. Have operated DHCP service with over 300 scopes serving 20,000+ devices.

Diagnostic & Troubleshooting Skills: Strong skills in diagnosing and troubleshooting technology issues, and in working with vendors to install and repair desktops, notebooks, servers, and storage equipment.

Travel: Have traveled to over 15 foreign countries, for both work and pleasure, including Russia, China, and Germany.

References

Available upon request.