

# STEPHANIE BROWN

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## IT Network Security / Protection Security Analyst

*Providing expertise in consulting for projects and initiatives relating to information security risk.*

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Experienced and results-driven IT network and security technologist with increasingly responsible experience providing strategy and security implementation for Fortune 500 companies. Sophisticated understanding of the research, analysis, design, testing and implementation of complex computer network security/protection technologies for company information and network system/applications. Working knowledge of PCI, PCII and SOX compliance requirements. Willing to relocate.

### AREAS OF EXPERTISE

*Project Management – Analytical Problem Solving – PCI & SOX Compliance – Network Administration  
IT Security & Strategy – IT Infrastructure/Design – Continuous Improvement – Process Improvement  
Cost Benefit Analysis – Expense Control – Budgeting – Reporting – Recruiting – Training & Development  
QC/QA/UAT Testing – Technical Writing – Deployment/Migrations – Technical Support – Customer Service*

### KEY ACCOMPLISHMENTS

- **Security Technology** – Created companywide proposal and integration for ensuring security structure throughout the LAN. Oversaw the maintenance of more than 500 Server 2008 Enterprise servers including all security for all folders and files. Partnered with management to develop and implement the first IT Security policy for that company and the first successful security review. Created a successful and effective disaster recovery plan and maintained that initiative during a four-year period with no incidents reported. Monitored various network-based intrusion detection systems (IDS) including ICS.
- **Network Administration** – Key architect for the design, implementation and maintenance of SCCM/SCOM 2007 as well as Windows Server 2000, 2003 and 2008. Redesigned, implemented and maintained a new Active Directory structure and managed and maintained clustered Exchange 2007 servers. Oversaw configuration and maintenance of multiple Cisco Routers and Switches.
- **Operational Administration** – Served as the technical writer for user documentation, network documentation, and server baselines. Researched, tested, and implemented secure intra-office IM application, saving man hours and simplifying communications. Creation of project plans and scheduling for implementation of software on all servers. Maintained all proper Sarbanes-Oxley (SOX) documentation. Responsible for creating annual IT-Operational budgets.
- **Training & Development** – Trained the IT department on the disaster recovery plans as they evolved and also trained the Help Desk to provide basic maintenance and upkeep for nightly backups. Overall management of a team of technicians for hardware upgrades in preparation for the 2000 & XP rollouts. Responsibilities included training new technicians in migration of multiple company networks into one centralized network and basic networking monitoring and maintenance.

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### TECHNICAL SKILLS

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*Hardware:*

IBM – HP - Compaq/HP – Dell - Cisco Routers - Cisco Switches – Pix – VoIP - HP SAN - EMC SAN

*Software:*

Ethereal/Wireshark - Active Directory - Windows Server 2008 - Windows Server 2003 - Windows Server 2000  
Microsoft Exchange Server - Microsoft SQL Server - SharePoint 2007 - Windows 7 - Windows Vista  
Windows XP - Windows 2000 - Novell 3.x & 4.x - Citrix Presentation - Citrix Metaframe  
Cisco Unity VoIP - VMware (ESXi) - Symantec Backup Exec - Symantec NetBackup  
BES 3.6 and 4.0 - SMS 2.0, 2003

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**PROFESSIONAL EXPERIENCE**

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NACCO INDUSTRIES, INC. Louisville, KY

Jan, 2009–Present

**Senior Systems Administrator**

Provide strategic and tactical network and security administration for a mini data center located on company premises. Oversee administration of all virtual servers including VMware's ESXi. Perform network and server consolidation of seven different company environments into one co-located infrastructure. Installed and currently maintain a dual-layer Certificate Authority and SharePoint 2007 and MOSS.

Development and implementation of companywide proposal for ensuring security structure throughout the LAN, focusing on file servers. Successfully implemented and troubleshot the DFS replication processes throughout all 11 international locations. Successful creation of PowerShell scripts for ease of migration from Exchange 2003 to 2007.

ROBERT HALF INTERNATIONAL, Lexington, KY

2007-Nov, 2008

**Systems Administrator**

Worked closely with management to successfully develop and implement the first security review of the entire network and to create a corporate IT Security policy. Performed a redesign of the internal network, based on the monitoring and reporting of their network traffic, thus reducing packet loss and troubleshooting issues. Worked closely with VP of Accounting to develop, test, and implement Great Plains 10 upgrade and established high availability and redundancy on the server side of the network. Monitored, maintained, and administered to Exchange 2003 servers and administered Citrix Presentation servers.

HP ENTERPRISE SERVICES, LLC, Covington, KY

2005-2007

**Systems Management Specialist**

Directly monitored and held responsibility for the facility's network infrastructure including patch coordination of monthly Windows Security updates, Service Packs, and other third-party software installations requiring a reboot on 642 Windows servers as well as maintenance and troubleshooting for 28 Citrix Metaframe and Presentation Servers. Updates complied with SOX, NERC and FERC required standards. Configured Active Directory security groups, permissions, and security settings and created SMS 2003 scripts to patch majority of servers during the appropriate patch windows. Key configuration and maintenance of VSA and later SMS initiatives to roll out patches throughout the enterprise. Maintained various network-based intrusion detection systems (IDS) including ICS.

UNITED WAY OF KENTUCKY, Louisville, KY

2000-2005

**ISS Network Administrator**

Challenged to create, implement and maintain an effective disaster recovery plan, and successfully maintained that initiative for more than four years. Installed and maintained Cisco hubs, switches, routers over GigE and Fiber. Teamed with engineers to design, test, and implement Active Directory with the upgrade from NT to 2000 and responsible for the maintenance and changes as the company evolved. Managed a team of technicians for a hardware upgrade project in preparation for the 2000 & XP rollouts. On-site and phone support for all LAN/WAN, supporting Office 2000, NT 4.0, Windows 2000 Server/Professional, and XP for laptops and workstations. Responsible for routine maintenance and changes to software being deployed utilizing SMS 2.0. Maintained McAfee Anti-Virus and then designed, installed, configured, and maintained Symantec Anti-Virus Corporate Edition.

**Early Career:****Senior Systems Support Specialist** – Computer Sciences Corporation/XDTI, Lexington, KY (1997-2000)**Senior Technician** - Toshiba Computers, Louisville, KY (1995-1997)

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**EDUCATION, CERTIFICATIONS AND AFFILIATIONS**

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Santa Clara University, Santa Clara, CA

**Master's in Computer Science, emphasis in Network Security**

Kaplan University

**Bachelor's of Science in Information Technology***Security+ - 2010*

Member: ISSA and IEEE