**Peter A. Carr**

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*Objective:*

Results driven IT professional with years of versatile experience in network administration, design and integration. Seeking a senior role directly responsible for managing mission critical servers, storage, network infrastructure (switches, firewalls, routers) and maintenance of employee computers with a reputable firm. Looking to further develop and apply MBA skills to manage IT resources as well as technically challenging projects.

*EDUCATION:*

September 1995 - University of Massachusetts Boston- MBA - MIS Concentration - GPA 3.1

June 1991 - University of Massachusetts Boston - BS-Accounting - GPA 3.1

*Certifications:*

VMware VCP5-DV (Cert #: 00143039), CCNA Route/Switch & Voice (ID No. CSCO11864389), MCSE (MCP ID: 2657658), MCSA, CNE

*EXPERIENCE:*

***4/2013 – 11/2013 Tech Networks of Boston-S. Boston, MA Senior Practice Consultant***

Leverage substantial experience, talent, and training to resolve difficult server and network problems. Working with two constituencies, both external clients and internal technical staff. Externally, help TNB clients develop IT strategic plans, set budgets, recommend new technologies, and perform risk analyses. Responsible for direct implementation of network infrastructure projects. Operate in the capacity of the senior technical resource for assigned accounts. Internally, serve as mentor, advisor and point of escalation for the TNB field engineers. Assist these engineers in developing support standards to ensure the highest levels of customer satisfaction for assigned clients. As a member of TNB's professional development team, guide technical staff in achieving their training goal.

Display hands-on technical expertise with the following technologies:

* Microsoft Windows Server 2008 R2/2012 R2 Active Directory and Group Policy
* Microsoft Exchange 2003/2007/2010/2013 & Office 365
* Microsoft Remote Services (Terminal Services) & Citrix XenApp
* Server virtualization through VMware, XenServer and Hyper-V
* SQL 2008 R2/2010 R2
* Sharepoint Server 2007/2010/2013
* Cisco and SonicWALL firewalls
* Cisco and HP L2/L3 switches
* SAN and NAS solutions including HP Storage Works & NetApp

Provide the following qualifications to TNB:

* Certifications (MCSE, VCP, CCNA (route/switch & voice))
* IT industry experience including IT consulting & managed services
* Strong oral and written communication ability
* Proven expertise in formulating IT requirements for smaller organizations

***4/2011 – 11/2012 Roxbury Community College-Boston, MA-IT Director-Networks & Security***

* Director responsibilities include managing daily workflow of two analysts including assignment and follow-up for critical tasks.
* Lead networking unit projects and provide support to stakeholders of cross functional projects.
* Manage projects requiring effective liaising between System Integrator and internal resources.
* Mentor and promote knowledge sharing among staff to assist in their professional development.
* Network and security administration, project management, budget preparation, documentation and providing assistance to CIO with staff planning and training.
* Show proven ability to identify, determine and document customer requirements using solid written and verbal communication proficiencies.
* Technical duties demonstrating hands-on experience architecting, installing and troubleshooting Windows 2008 (R2), AD 2008, Exchange 2010, System Center Essentials (and SCCM 2007).
* Exhibit experience in VMware and Citrix virtualization (server, desktop, application) and surrounding technologies. This includes VMware solutions with VMware vSphere (vCenter and ESXi 4/5), Site Recovery Manager, ThinApp as well as Citrix solutions with XenServer & XenApp.
* Display hands-on experience with Storage Area Networking not limited to implementing and architecting SAN/NAS solutions (including provisioning storage to C7K blade server environment).
* Management/Storage provisioning of HP P4500 G2 28.8TB SAS Multi-site SAN (SAN/IQ 9.5)
* Support of implementation and operation of college WAN, LAN, WLAN, VPN, and NAC/802.1X.
* IP Protocols (TCP/IP, IPSec, DHCP, DNS, SNMP) as well as switching Protocols (STP, PVST+)
* Administration, troubleshooting and support of network management/monitoring and Back-up/Recovery systems (including disk-based backup targets).
* Management of perimeter security/firewalls, IPS, authentication services, PKI, and IPAM.

***2/2011 – 4/2011 Mount Ida College Newton, MA-Network Consultant***

* Deployment of edge/access layer replacement switches using L2 cisco catalysts.
* Redesign of core/distribution layer LAN switching using l3 cisco catalysts.
* Active directory upgrade from Windows Server 2003 to Windows Server 2008 R2.
* Remediation tasks in support of network assessment performed by third party network service provider/systems integrator.
* Remediation tasks in support of AD/Exchange assessment performed by third party network service provider/systems integrator.
* Design and implementation of on-premise IM/Conferencing solution using Lync Server 2010.
* Review and upgrade of Citrix XenServer 5.6 based virtualization solution with storage repository hosted on HP/LeftHand Networks iScsi-SAN Storage (P4500).
* Managed project to migrate Exchange 2007 email data for Alumni to Google Apps for Education.

***7/2010 – 10/2010 Au Bon Pain Boston, MA-Network Consultant***

Augment IT staff by leveraging experience with the following technologies:

* Windows 2000/2003/2008 Server Operating Systems, IIS, MS Clustering, Active Directory, Networking (TCP/IP, WINS, DNS, DHCP).
* Windows Operating Systems and security (System/Network/Application Hardening)
* Email (Exchange 2003-2007) – mobile computing (RIM/Droid/IPhone)
* Spam/Content filtering (Google/Postini)
* Blackberry Enterprise Server (4.1/5.x)
* E-Mail Security (Encryption, signing, digital certificates)
* Networking: (Cisco switch-Catalyst 4507, router-3845/2821, firewall-ASA 5520)
* FC SAN technology (EMC CLARiiON Cx300), EMC Navisphere Management Suite, Brocade silkworm switch, HBA's), monitor/performance-tune components
* Monitoring of SAN and node connectivity for performance and efficiency
* Ensure data protection on SAN
* Backup/Recovery (EMC NetWorker)
* Allocate LUN and RAID groups as needed (provisioning of CLARiiON networked storage systems)
* Patching (WSUS 3.0 s/p 2 – migrate to System Center Essentials 2010)
* Virtualization Technology (VMWare ESXi 3.5/4.x)
* Physical-Virtual Server Build/conversion (P2V)/Monitoring
* PCI compliance & audit remediation
* Remote Desktop (Terminal) Services
* Knowledge of commonly used scripting languages for Windows (Windows PowerShell, VBScript)
* Application install/support/troubleshooting
* Technical documentation skills

***3/2009 – 6/2010 The Computer Merchant, Ltd. Norwell, MA-Manager of Information Technologies***

* Responsible for the installation, administration, and support of all servers (as well as internally hosted services) located at Norwell headquarters.
* Design, implementation, and support of Microsoft Active Directory and Exchange 2007, Microsoft SQL 2005/2008 environments, Dell/EqualLogic PS 41xx SAN environment.
* Design, implementation, and support of multi-site network infrastructure including firewall, switches, and routers.
* Design/build out of Exchange 2007 environment to bring back in-house, messaging services from ASP (www.intermedia.net).
* Design, implementation and support of Hyper-V virtual environments primarily for virtual desktop, secondarily for server consolidation.
* Provide onsite/remote troubleshooting across a broad range of systems and applications.
* Purchase, install, configure 6 Cisco Catalyst PoE, Layer 3 switches (WS-C3560E-48PD-SF) to replace legacy HP ProCurve L2 switching infrastructure.
* This change brought switched Gig Ethernet with (PoE) configurations to the desktop as well as 10 Gigabit Ethernet uplink ports to position TCML for high-bandwidth applications such as IP telephony, wireless, and video.
* Managed project to rewire portions of facility with dense multi-mode fiber to take advantage of L3 switches’ 10 Gigabit Ethernet uplinks.
* Design/build out of Backup/Recovery environment using Symantec Backup Exec 12.5 to bring back in-house, from cloud provider VaultLogix ([www.dataprotection.com](http://www.dataprotection.com)).
* Migrate all clients/servers to Symantec Anti-Virus Corp Edition 10.2 from F-Secure Anti-Virus.
* Manage/Monitor transfer of consultant payroll transaction data for key partners (CSC) via SFTP using winscp

***8/2006 – 2/2009 The Talbots, Inc. Hingham, MA-Senior Network Analyst***

* Culmination of experience has developed a strong understanding of the relationship between technology and strategic business interests with a P&L mindset. In synch with management efforts to leverage effective use of technology to increase profits and productivity, while simultaneously delivering significant reductions in the cost of doing business.
* Primarily responsible for the installation, administration, and support of all servers located at Hingham Datacenter (~ 110). Secondarily responsible for servers at remote sites (~ 370 enterprise-wide). Responsible for the operation and maintenance of all Windows and Linux servers including migrations and upgrades.
* Responsible for administration and maintenance of DC's, file/print, Exchange 2003 (Symantec mail security for exchange 6.0.7), Blackberry Enterprise 4.1, Symantec Anti-virus 10.2, IIS 6, SQL 2000/2005, CITRIX presentation farm, Terminal and backup servers (CA ARCserve Backup r12). Support SAN/NAS storage arrays utilized by aforementioned servers.
* Responsible for evaluating, monitoring and troubleshooting server operations and backups. Responsible for offsite backup rotation and offsite storage (Iron Mountain).
* Analyze the results of server monitoring, recommend and implement changes to improve performance, processing and utilization. Work to ensure 100% network uptime of available servers and network devices.
* Propose, maintain and enforce server polices, standard practices and security procedures including patch management. Implement new technologies and recommend changes to Server OS build, and other infrastructure components.
* The majority of my first year with Talbots consisted of working with Microsoft Consulting Services to integrate the messaging and directory services of JJill into Talbot’s corporate AD forest. JJill, another specialty women’s retailer, was acquired by Talbots shortly before I joined.
* Participated in multiple projects in support of compliance initiatives associated with a network review by PCI (personal card industry) auditors.
* Lead participant in proactive services and workshops setup by Microsoft technical account manager (TAM). Specifically, engaged in lead data gathering, analysis and remediation role for the Messaging: Risk Assessment program (ExRAP) and Windows: Risk Assessment program for Active Directory (ADRAP).
* Utilize redundant F5 BIG-IP Local Traffic Managers to ensure availability, security and speed of enterprise exchange 2003 front end server farm providing OWA and RPC over https services.
* Design and management of a virtualized server and storage infrastructure based on VMware ESX Server and Dell’s EqualLogic PS Series virtualized iSCSI SAN. The SAN consists of 3 HP servers running VMware ESX 3.5 employing a Dell EqualLogic PS5000E iSCSI array for a cost-effective enterprise storage solution.
* Build out and integration of a fiber-channel SAN to replace Talbot’s legacy solution for reliable data protection. The SAN project began with purchase of HP StorageWorks MSA1500 S-ATA SAN Starter Kit (3 MSA20 disk enclosures providing 27 Tb raw storage) A Brocade Silkworm FC switch was used to connect the MSA 1500 SAN Storage Array, a Quantum Scalari500 library with 4 LTO-4 drives and the backup servers.
* Worked in a management capacity during bi-annual disaster recovery exercises at vendor hot-site (SunGard Availability Services, Philadelphia, PA).
* Planned, coordinated, implemented and supported the LAN/WAN hardware, software and Internet-Intranet-Extranet network connectivity, diagnosed network failures and resolved problems.
* Participated in design conferences, produced network diagrams and detailed network documentation. Maintained technical and vendor product information and assisted in establishing performance standards, policies and procedures for the enterprise.
* Managed Blue Coat ProxySG appliance for web proxy, cache and acceleration.

***1/2003 – 7/2006 Accellent, Inc. Wilmington, MA-Senior Systems Engineer***

* Lead engineer for a project requiring design and implementation of Active Directory on Windows 2003 platform for 1500+ node, and 20+ site organization.
* Lead engineer for a multiple site Exchange 2003 implementation to support an AD-integrated Cisco VOIP initiative. Assist in rolling out and ongoing support of IPT solution (adds/moves/changes for Cisco Call Manager 4.1x and Cisco Unity 4.0x).
* Develop superior Windows Server 2003 and Active Directory troubleshooting skills.
* Provide knowledge to support network infrastructure (switches, routers and firewalls), VPN technologies (Cisco 3000 series concentrator appliances), IP addressing and subnetting.
* Administer LAN/WAN environment using TCP/IP, DHCP, DNS protocols. Maintain approximately 10 domains (multiple Win2003/2000 AD forests, NT4 domains) and associated trusts.
* Carry out system administration/LAN management functions. Monitor and tune network devices for optimal performance.
* Take an active role in managing existing, and implementing new servers and technologies.
* Leverage experience with Microsoft Operations Manager and patch management (using Windows Server Update Services).
* Provide technical knowledge of disaster recovery planning and security analysis.
* Maintain, administer, and harden Windows 2003/2000 servers (Active Directory DC's, Exchange 5.5/2003, IIS 6, SQL 2000, SharePoint, DFS, CRM (SalesLogix 6.2x)).
* Support application-mode terminal servers and associated published applications.
* Perform system backups using Symantec Backup Exec 10d.
* Monitor server event logs and AD replication logs.
* Scripting using vbscript and windows script host for domain and system administration.
* Provide second level user support to corporate management team, and multiple locations.
* Assist technical analysts with support and helpdesk calls.

***8/2001 – 4/2002 Apps4Biz, Inc. Andover, MA-Manager of Network Systems***

* Responsible for managing Apps4Biz's enterprise NT BackOffice, file/print server, authentication, naming, and messaging environments.
* Responsible for managing and maintaining production, and staging server environments.
* Responsible for installing, configuring, and monitoring these server environments in order to meet operational objectives.
* Design and deploy Active Directory domain and migrate existing installed base from NT 4.0 domain to the new AD domain.
* Plan and migrate servers and applications from installed base of Windows NT 4.0 server to Windows 2000.
* Develop experience with all aspects of securing NT, W2K, DNS, LDAP, AD.
* Manage server implementation, monitoring, back-up, and disaster recovery procedures.
* Build and administer production servers, including messaging, web, ftp, database, file/print and DNS servers.
* Responsible for system administration of LAN/WAN/DMZ/VPN, Sonicwall firewall, cisco routers, and telecommunications (for a Lucent Definity Telephone PBX).
* Accountable for capacity planning and implementing high availability solutions.
* Utilize monitoring tools to make IS more proactive in dealing with potential disruptions to the user community.
* Manage IT procurement of both hardware and software, adhering to budget constraints. Prepare project plans that provide timely and accurate information systems services.
* Work with vendors and contractors to ensure that all contracted service level agreements and performance metrics are measured and managed with a focus on continuous improvement.
* Work to define the scope, schedule and resources for several projects supporting LAN, WAN, and hosting environment.
* Attempt to enhance and enforce LAN and WAN security policies. Perform desktop support for local and remote users.

***9/1999 - 8/2001 Lucent Technologies N. Andover, MA-NT Engineer/Systems Analyst***

* Provide system administration to support NT server-based applications, with focus on web and database application servers (SQL server 7/2000 and Oracle 8/9).
* Provide operating system and hardware support for 80+ NT servers. Assist in system design, administration, performance analysis, and optimization of Windows NT Servers.
* Securing IIS v. 4/5 web servers, including hardening procedures and frequent application of security patches.
* Design and implementation of exchange 5.5 infrastructures used in system monitoring, primarily for notification of server events and status of scheduled tasks/jobs.
* Plan for migration of Windows NT 4.0 multiple-master domain model to windows 2000 domain to take advantage of active directory.
* Troubleshoot and document various NT domain management, connectivity, and name resolution issues (DNS/WINS).
* Provide the planning, design, and development required to integrate third party applications to support the Lucent’s Intranet environment.
* Proactively upgrade and patch existing server OS’s.
* Display comprehensive understanding of Internet technologies and issues, as well as extensive knowledge of Web development.
* Show solid understanding of Internetworking, IP routing, subnetting, and related topics.
* Provide knowledge of TCP/IP, HTTP, FTP, POP/SMTP, LDAP, IMAP, IPSEC, PPP, PPTP, and L2TP.
* Develop VBscript scripting skills for system administration.

***10/1997 - 9/1999 Wellington Management Co, LLP Boston, MA-Sr Systems Admin/Analyst***

* Direct participation in planning and implementing projects including the following.
* Migration of WMC IP network from flat to subnetted and switched ethernet environment.
* Conversion from Netscape 4x to Microsoft IE 5x Browsers.
* Migration from MS Office 95 to MS Office 97.
* HelpDesk solution conversion from outsourced (Xerox/XLConnect) to in-house using Network Associates Helpdesk Product (part of Magic Total Service Desk Suite). Executed the conversion with parallel testing of both SQL server 7.0, and Oracle 8.05 engines.
* Responsible for NT 4 multiple domain/trust administration for the entire firm. The environment consisted of roughly 1,000 workstations and approximately seventy NT servers.
* Responsible for ongoing support and development of Wellington’s NT LAN/WAN.
* Provide leadership in server deployment and network operations.
* Responsible for escalated problem resolution and diagnosis of advanced connectivity, security, and NT OS issues.
* Responsible for 3rd level problem resolution, incident response and on-call support.
* Assisted in development of web based interfaces to ODBC data sources (primarily for ad-hoc reporting) using Visual Interdev v6.0, and FrontPage.

***7/1997 - 10/1997 Fidelity Investments-Administrative and Investment Management Systems Boston, MA-NT Engineer/Systems Analyst (Contractor for AIMS)***

* Build hardware and configure software to implement new remote access platform for FMRCO/AIMS groups.
* Roll out new remote access solution to portfolio managers, traders, analysts and systems personnel under tight deadline.
* Required building NT 4.x server running AssureNet/Digital Pathways defender security server software (now Axent Pathways Defender) and configuring Shiva LanRover switches into a cohesive remote access platform.
* Assisted with a simultaneous project involving an e-mail/messaging system conversion from MS Mail (PC mail v3.2) to MS Exchange Server.
* Covered for systems administrators in AIMS Technology Support and Operations group.

***2/1997 - 6/1997 Charter Systems, Inc. (purchased by BiSys, Inc.) Newton, MA-Systems Engineer-Financial Services Market Segment***

* Systems Integration projects involving enterprise/departmental Server builds (including file/print, application (SQL and Notes servers), Messaging, and Fax servers.
* Server hardware consisted of high end multi-processor servers with raid-5 arrays and running NT 4.0 or Netware 4.x.
* Installed APC UPS systems and high speed DLT libraries/changers (or single drives).
* Performed network designs of NvDS trees for netware, as well as various domain models for windows NT.
* Performed NOS conversions from Netware 3.12 to 4.1x, and from Netware to NT).
* Planned and implemented messaging system environments and migrations (CC mail and MS Mail v3.2 to Exchange server 5).
* Performed Client OS roll-outs.
* Performed implementations of MS BackOffice suite products (exchange, SMS, sql server).
* Performed network analyses using HP sniffer.
* Trained clients in using network management systems including HP-Openview, BMC patrol, and Managewise.
* Installed and configured LAN hardware, switches and hubs.
* Participated in relatively frequent project management and client consulting responsibilities.

***7/1996 - 1/1997 Boston Financial Data Services Company North Quincy, MA-Operating Systems-Analyst-Global Technologies Department***

* Provide Help Desk services to our organization, and assist users with the entire DST suite of transfer agency applications (in addition to secondary business software-MSOffice, Exchange, Faxworks running on OS/2 and NT platforms).
* Centrally involved in the initial deployment installation, and configuration of database application (DB2/MS SQL), fax, and print servers, as well as client desktops (running AWD application).
* Assist administrators in making software recommendations, and ensure software licenses were accurately tracked. Participated in server deployment and management, and network hardware management (switches and hubs) throughout the LAN/WAN.
* SNMP-based monitoring of these devices using network management systems (HP OpenView, and CA-unicenter).
* Managed a project involving the use Systems Management Server for purposes of software distribution, and inventory collection.

***10/1995 - 5/1996 Fidelity Investments-Management & Research Company Boston, MA-Market Information Systems-Senior Market Data Analyst (FMRCo)***

* Plan and manage key market data vendor relationships of on behalf of FMR Co across divisions within Fidelity.
* Manage market data delivery to FMR Co portfolio managers, traders, analysts and research personnel focusing on customer support and system availability.
* Implement and maintain market data usage inventory management, and reporting, to help FMR Co. achieve cost effectiveness of its major market data contributors.
* Develop thorough knowledge of market data vendor management including product knowledge, delivery mechanisms, and contract terms.
* Display ability to manage, solve problems and coordinate workflow across departments and externally to vendor organizations, while exercising effective communication between technology and business personnel.
* Deliver status reporting to senior management representing analysis and reporting of usage and cost trends.
* Display strong knowledge of market data services and the financial services industry. Increase knowledge of databases and data management concepts.
* Coordinate with vendors, Fidelity systems and telecommunications subsidiaries, and voice/data carriers.
* Manage a project to implement and administer a proprietary database application to analyze and forecast FMR Co’s $50 million annual soft dollar market data budget.

***Prior Occupation-Retail Finance*** (specifically expense analysis, budgeting, forecasting)

***Late 1989 to early 1994-***not applicable to current career objectives.

*Technical Training:*

 3/2013 - VMware vSphere Fast Track V5.1 – to attain VCP5-DV (Datacenter Virtualization (vSphere 5.1))

*Boston University Corporate Education Center:*

MCSE on Microsoft Windows 2000 Certification-Boot Camp

Certified Novell Engineer (Netware 4 CNE Certification Track)