

William ("Bill") Bailey, Ph.D., ND, MA, MH, BFA, BA, CTN, CNHP, CCA, VCP, ECSA, ICE, CIW Master Server Administrator, CIW Certified Security Analyst

2670 Ingleside Drive, Apt. 1B, High Point, NC 27265-4008

(336) 289-9010 (Home) - (336) 880-7225 (Cell)

E-mail: drbill@drbillbailey.net - Twitter: @DrBillBailey

QUALIFICATIONS

VMware ESXi System Design and Administration	Citrix Systems Design and Administration
Linux Systems Administration (Multiple Distros)	Microsoft Windows Systems Administration
High Level Systems Project Management	LAN, WAN, VPN, Wireless & Firewall Security
Amazon AWS, S3 and Cloudfront experience	High Level Computer Security Expertise
Datacenter Design and Management	Web Analytics, Security, SEO, and Web Hosting
Manager/Owner of an International business	Maintain Systems in Critical Environment
Supervisory Experience	Excellent Verbal and Written Communications

EMPLOYMENT & PROJECT HISTORY

High Point Regional - UNC Health Care (Employer) 2007 - 2017 - Systems Architect

- Primary Lead in systems management and administration for a large Regional Hospital, with emphasis on VMware ESXi administration and engineering and Citrix XenApp (now called Citrix Virtual Apps and Desktops) and XenServer (now called Citrix Hypervisor) administration and engineering. Primary responsibility for Red Hat Enterprise Linux/CentOS, SuSE Linux, HP-UNIX, and Ubuntu Linux servers and support. Lead admin for Linux.
- Architect and lead system engineer for VMware Horizon View for a Single Sign-On Project using Imprivata SSO, as well as Red Hat Enterprise Linux/CentOS, SuSE Linux, HP-UNIX, Ubuntu Linux, Citrix XenApp (now called Citrix Virtual Apps and Desktops.) System-wide responsibilities for VMware ESXi and Microsoft Sharepoint management.
- Pioneered VMware ESXi server virtualization and brought VMware to High Point Regional.
- Project management and implementation for large, business critical projects system-wide.
- VMware Horizon View zero-client management, development of ThinApp virtual application system, technical lead for the Server Team on Clinical Single Sign-On VDI project, and pioneering VMware Horizon View usage at High Point Regional.
- Responsible for all internal Web-based applications, servers, and security of these servers.
- Primary architect for VMware, Citrix and Linux management and design, in a critical, highly availability up-time environment of 2,500 users. Ensured compliance with HIPPA security.

Independent Consulting - 2005 - 2017 - Independent Computer Consultant

- Provided cutting-edge consulting services for Open Source and Microsoft environments in the areas of System Engineering, Data Center design, VMware engineering, and Citrix XenApp (now called Citrix Virtual Apps and Desktops) administration and development, File System services using Samba, DNS management using BIND, and Apache web development.
- Senior level project management for computer infrastructure systems, including planning, budgeting, and project implementation. Direction of other team members on projects.
- Designed a Learning Management (LMS) System using Caroline for Life Christian University.
- Created and maintained ministry and non-profit organization websites using Wordpress CMS (Content Management System,) and additional plug-ins to provide audio and video hosting, SEO, web security, social networking engagement, data discovery, etc.
- Implemented infrastructure and network security for client companies: including warehouse automation and network and data center design. Provided automated reporting for numerous client needs. Amazon AWS, S3 and Cloudfront design and development.

Guilford County Information Services - 2005 - Webmaster (Former Employer)

- Webmaster for a large county government Web site, including design, maintenance and administration of all Web site related functions using both Microsoft Internet Information Server, and LAMP (Linux, Apache, MySQL, PHP.) Provided special project solutions to County Commissioners using Open Source technologies.
- Responsible for Web security, SSL certificates, and hardening of Web infrastructure.
- Responsible for system maintenance, up-time of computer systems, and exploring new technologies, including managing and leading the Content Management System Project.

Low Carb Nexus / Nexus Nutrition - 1999 - 2004 - Chief Executive Officer (Owner)

- Owner of an international business with sales in excess of \$890,000 per year.
- Final responsibility for twelve employees of the company.
- Two brick and mortar stores, a 5,000 foot warehouse, and an Internet E-commerce Site.
- Researched and implemented diverse technological solutions, responsible for our own Linux-based computer infrastructure and security of systems based on LAMP (CentOS Linux-Apache-MySQL-PHP and operation of our own DNS servers.)
- Sold the business and web site in 2004.

Center for Creative Leadership - 1998 - 2002 - Enterprise System Manager (Former Employer)

- Senior Technical Lead for research, planning, installation, and upgrades of system hardware and software at the Center's national and international locations (remote sites.)
- Designed and implemented a "thin client" environment using Citrix Metaframe to provide centrally served applications to a diverse client environment and mission critical applications over a corporate WAN and via a Web site interface using Citrix NFuse.
- As senior technical Enterprise System Manager - involved in budgeting, planning, and financial justification of all computer systems, projects, and upgrades, as well as overall Project Development for all corporate sites.
- Established technical direction and standards for all domestic and international corporate locations.

BizNetz, a Division of Sound-Ware, Inc. - 1996 - 1997 - Consultant (One year contract)

- Provided advanced system and Web security infrastructure for Internet backbone and Intranet via Microsoft Windows NT Server, Internet Information Server and Microsoft Exchange.
- Maintained and designed e-mail systems, groupware, and network connectivity.

Syngenta Corporation (Formerly CIBA-GEIGY Corporation) - 1990 - 1996 - Internet and Electronic Messaging Consultant (Former Employer)

- Researched, planned, and implemented the Electronic Mail backbone for all North American business units on Microsoft Windows NT Server Systems for the Cibamail Network (60,000 mailboxes).
- Managed second-level support for over 10,000 users in the business units at remote sites.
- Developed training courses and documentation, and conducted training sessions, on the World Wide Web and Internet technology, as well as Electronic Messaging.

NC Agricultural & Technical State University - 1988 - 1990 - System Manager (Former Employer)

- Managed Digital VAX/VMS systems in a four node, mixed, heterogeneous VAXcluster.
- Supervised Computer Systems personnel, directing projects and work assignments.
- Developed the Operations Manual and System Disaster Plan for the Computer Center.
- Pioneered A&T University's VAX-based connection to the Internet (BITnet.)
- Provided Digital ALL-IN-1 Office Automation including Word Processing and Electronic Mail for the senior administrative staff.

EDUCATION

BA, MA, and Ph.D. in Theology, Life Christian University, Tampa, Florida

MH, ND, Trinity College of Natural Health, Warsaw, Indiana

BFA, University of North Carolina, Greensboro, North Carolina

CERTIFICATIONS

VMware Certified Professional Certification (VCP #18793)

Citrix Certified Administrator (CCA) for Citrix XenApp 5 Platinum Edition

Citrix Certified System Administrator (CCA) for Citrix XenApp 5 for Windows Server 2008

Citrix Certified System Administrator (CCA) for Password Manager

Citrix Certified Administrator (CCA) for XenApp (Presentation Server 4)

Imprivata Certified Engineer in Authentication Management

Imprivata Certified Engineer in Single Sign On

EC-Council Certified Security Analyst

CIW Certified Security Analyst

CIW Master System Administrator Certification

CIW iGen Master Administrator Certification

CIW Certified Internet Web Professional

CIW Web Foundations Associate

CIW v5 Web Associate

Board Certified Traditional Naturopath (CTN)

Certified Natural Health Professional Certification (CNHP)

Dell Premier Certification - Laptops, Workstations and Servers

SOCIAL MEDIA CONNECTIONS

LinkedIn: <https://www.linkedin.com/in/drbillbaileyphd/>

Twitter: <https://twitter.com/DrBillBailey>

Facebook: <https://www.facebook.com/drbillbailey>