Darrel Ray Clute, III
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HTTP://WWW.DARRELCLUTE.NET/PROFESSIONAL/ — HTTP://WWW.LINKEDIN.COM/IN/DARRELCLUTE

Professional Certifications

January 2, 2012 - Current	—	Red Hat Certified Engineer, RHCE
January 2, 2012 - Current	—	Red Hat Certified System Administrator, RHCSA
March 16, 2009 - Current	—	Cisco Certified Network Associate, CCNA
March 31, 2005 - Current	—	Novell Certified Linux Professional
January 29, 2005 - January 29, 2010	—	Linux Professional Institute Certified Level 1, LPIC-1
July 16, 2003 - July 16, 2006	—	Cisco Certified Network Professional, CCNP
July 3, 2003 - July 16, 2006	—	Cisco Certified Design Professional, CCDP
May 20, 2002 - July 16, 2006	—	Cisco Certified Design Associate, CCDA
January 18, 2002 - July 16, 2006	—	Cisco Certified Network Associate, CCNA

Work Experience

03/2011 - Present — **ViaSat Communications Inc.** 349 Inverness Drive South, Englewood Colorado 80112

03/2011 - Present — Senior Network Engineer

07/2010 - 01/2011 — **Consumers Energy** One Energy Plaza Drive, Jackson Michigan 49201 517-788-0550

07/2010 - 01/2011 — AMI Network Engineer
Review and assess vendor equipment pertaining to Smart Grid Enablement, including Home Area Networking (HAN) and Advanced Metering Infrastructure (AMI). Evaluate wireless communications utilizing IEEE 802.15.4 (ZigBee) between AMI meters and HAN equipment such as appliances, home energy displays, and environmental controls. Evaluate wireless communications of AMI meters in a mesh, along with transport of data back to head end. Evaluate functionality of vendor head end for their AMI solution. Manage VMware environment of approximately 200 virtual machines, containing internal servers and vendor environments. Enabled the Cisco Nexus 1000V virtual switch in a portion of the lab environment for demonstration purposes, with goal of enabling throughout the VMware infrastructure to provide greater network level control.

08/2009 - 07/2010 — **Netarx, LLC** 3252 University Drive, Suite 200, Auburn Hills Michigan 48326 877-963-8279

08/2009 - 07/2010 — Network Engineer
Perform project and on-demand work with Cisco Network Management, Routing, Switching, Data Center, Security and Wireless portfolios at an expert level. Perform project and on-demand work for customers with UNIX or Linux platforms at an expert level. Produce implementation plans and design validations for projects. Perform assessments and provide reports on findings to customers. Perform peer review, spelling, grammar, and technical, of documents produced for customers such as implementation plans, design validation and assessment reports. Assist customer with break-fix issues such as failed hardware and circuit failures. Assist other departments when the network itself is suspected as the issue on an incident being diagnosed.

02/2009 - 08/2009 — **Analysts International** 3601 West 76th Street, Minneapolis Minnesota 55435 952-835-5900

02/2009 - 08/2009 — Network Engineer
Provide expert level assistance to customers in relation to their network infrastructure. Produce implementation plans and design validations for projects. Perform assessments and provide reports on findings to customers. Perform peer review, spelling, gramar, and technical, of documents produced for customers such as implementation plans design validation and assessment reports. Assist customer with break-fix issues such as failed hardware and circuit failures. Assist other departments when the network itself is suspected as the issue on an incident being diagnosed. Primarily work with customers in relation to routing and switching. Provide routing and switching assistance to voice engineers. Provide customers assistance with Cisco PIX, ASA, IDS and other various security devices in conjunction with the security team.

03/2005 - 02/2009 — **Liquid Web Inc.** 4210 S Creyts Rd, Lansing Michigan 48917 800-580-4985

08/2008 - 02/2009 — System Administrator
Provide technical support to customers pertaining to cPanel and Plesk web control panels via phone and help desk systems. Provide support for all related services, email, Apache/IIS configuration, server firewall, etc. to all levels of customers.

03/2005 - 08/2008 — Network Engineer
Maintain and troubleshoot network infrastructure which is accessed globally. Design and implement network infrastructure for second data center. Balancing outbound traffic over multiple carriers and circuits using BGP route maps, utilizing Netflow data for AS path determination. Coordinate IP acquisitions with ARIN,

allocate IPs to customers. Implement and maintain distributed TACACS+ authentication scheme utilizing tac_plus, PAM, OpenLDAP and MIT Kerberos. Implement and maintain distributed syslogg and SNMP trap system for network device auditing and alerting. Provide customer support via telephone and electronic help desk with regard to network related issues or services. Train and supervise engineering team. Provide documentation for network related tasks. Provide product development and support with regard to network related services, including non-standard configurations.

03/2003 - 03/2005 — **Lansing State Journal** 120 E Lenawee St, Lansing Michigan 48919 517-377-1000

03/2003 - 03/2005 — Information Technology Coordinator
Coordinate projects related with Unix servers and core networking technologies. Provide end user support to various users utilizing both Windows and Macintosh based workstations. Maintain servers performing various mission critical functions on various Macintosh, Windows, Linux, BSD, and Solaris platforms. Configure, maintain, and troubleshoot core networking equipment in an integrated LAN/WAN environment, consisting of: Cisco 2600 series routers; Cisco Catalyst 2900XL, 2950, 3500XL, 3550, 4500, and 6500 series switches; Cisco VPN Concentrator 3000 series. Provide assistance to both the Port Huron Times Herald and the Battle Creek Enquirer. Work with Gannett Corporate IT and equipment/software vendor's support teams to come to problem resolution.

09/2002 - 09/2006 — **Computer Vision Networks** (Dissolved)

09/2002 - 09/2006 — Partner and Chief Executive Officer
Drafted and submitted original Articles of Incorporation. Drafted corporate by-laws adopted by shareholders. Responsible for coordinating and conducting all shareholder and board meetings. Maintained all financial records and corporate budgeting. Responsible for accounts payable and accounts receivable. Drafted, reviewed and approved all legal documents. Responsible for drafting all work authorizations and statements of work for customer projects. Performed warm sales calls in both an account manager and pre-sales engineer role. Reviewed and responded to all requests for proposal and quote. Maintained all vendor partnerships.

06/2002 - 03/2003 — **JAS Networks** 64 E Michigan Ave, Battle Creek Michigan 49017 269-288-5500

06/2002 - 03/2003 — Technical Support Specialist
Provide technical support to customers both residential and business. Assist with management of servers, DSL equipment, Paradyne and CopperMountain DSLAMs, and Cisco routers, 3700, 7200 and 12000 series. Assisted in the implementation and maintenance of OSPF and BGP routing architecture. Assisted in the maintenance of the ATM LANE environment which fed the Paradyne DSLAMs. Maintain database for trouble tickets both internal and with Ameritech.

06/2001 - 03/2002 — **Albion College** 611 East Porter, Albion, Michigan 49224 517-629-1000

06/2001 - 03/2002 — Network Assistant

Computer and Network Related Skills

Operating Systems

Unix, Linux Workstations and Servers	Microsoft Windows Workstations and Servers
Macintosh OS Workstations and Servers	Cisco IOS, CatOS, PIX/ASA OS, NX OS

Server Services and Applications

Microsoft IIS, Apache, ProFTPD, VSFTPD, PureFTPD	Microsoft Active Directory, OpenLDAP, Kerberos
ISC BIND and DHCP, Microsoft DNS and DHCP	LPR, CUPS, Apple Printing, Windows Printing
Apple File, Samba, NFS, Windows File	MySQL, PostgreSQL, MSSQL
Cyrus IMAPD, POPA3D, Courier IMAP	Sendmail, Exim, Postfix SMTP Server
Microsoft Exchange, Zimbra	Linux IPTables, BSD PF Firewall

Network Technologies

OSPF, EIGRP, BGP, IS-IS, RIP	Cisco CSS, CSM, ACE, IOS SLB, Zeus ZXTM
Cisco IOS, PIX, ASA, FWSM Firewall	Cisco, Proxim/Orinoco Wireless Networks
Cisco ONS Optical Transport Platform	Cisco VPN Technology Design and Configuration

Network and Server Management

CiscoWorks, IPSwitch WhatsUP Gold, SolarWinds	MRTG, Cacti, Nagios, Zenoss
VMWare, Xen, Virtuozzo, Linux VServer	Plesk, cPanel, Webmin
Raw SNMP, NetFlow Data Analysis	Ethereal, NMAP, Nessus, Flow-Tools

Programming Languages

Bourne Shell, Bash, Python (Intermediate)	HTML, CSS (Intermediate)

Education

2000 - 2002 — **Calhoun Area Technology Center** 475 E Roosevelt Ave, Battle Creek Michigan 49017 269-968-2271

Computer Networking — Cisco Network Academy Alumnus

1998 - 2002 — **Albion Senior High School** 225 Watson St, Albion Michigan 49224 517-629-9166

General Education — High School Dipoloma