

# Tom Reeb

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**Experience**   **Manager, IT Infrastructure - Coriell Institute for Medical Research**   **August 2013 – Present**

Manager of IT Infrastructure in a mixed environment of over one hundred physical and virtual Windows (2008-2012 R2) and Linux (CentOS and Ubuntu) servers. Manage IT Helpdesk staff that supports over 100 internal users at three sites. Administer DevOps configurations, deployments, builds, and patches with Spacewalk, Git, and TeamCity. Actively working to improve the functionality and security of the network infrastructure consisting of Cisco switches and ASA firewalls. Developed and executed plans to expand and increase the functionality of the VMware environment, including deployment of Veeam Backup and Replication. Redesigned Storage Area Network consisting of IBM XIV and NetApp FAS devices with Fiber Channel, iSCSI, NFS, and CIFS connectivity. Worked with development staff to strategically design web, app, and SQL environments for increased performance and security. Worked with staff scientists to develop Linux cluster for processing of large sets of genomic data. Lead project to replace primary ISP with dedicated fiber, 5 times faster at a cost savings. Architected and executed a complete network overhaul focusing on High Availability (HA) including redundant ISPs with automatic failover, highly available firewall cluster, SSL VPN connectivity, VLAN segmentation, and centrally managed, RADIUS authenticated 802.11ac Wi-Fi network for employees and separate guest network in multi floor main office. Built a highly available load balancer cluster using HAProxy for production application servers and customer facing sites. Implemented Nagios for network, server, and application monitoring. Worked with IT Director to develop and review annual budgets, DR and Contingency plans, and SOPs.

**Infrastructure Administrator - The Hackett Group**   **July 2012 – August 2013**

Administrator for 99% virtualized infrastructure consisting of 20+ VMware ESXi hosts, 250 Linux and Windows guests, and physical Active Directory and File servers at 14 worldwide. Worked with a team to develop and execute Disaster Recovery plan. Configure and manage backups of local and remote file servers with CommVault. Configure and manage NetApp FAS SAN storage for NFS, iSCSI and CIFS and utilizing Snap Mirroring to sync SANs between sites. Lead a project to deploy a private cloud file sharing solution for employees and consultants to securely and efficiently collaborate.

**Network Administrator I - Philadelphia Housing Authority**   **March 2008 – July 2012**

Network Administrator for 1,200 employees at 50+ remote office locations. Ensured the overall functionality of the LANDesk environment consisting of 150 servers, 1,200 workstations, and over 100 laptops. Wrote scripts for image deployment, software deployment, and security patches. Worked with a team to upgrade Active Directory from 2000 to 2003 to 2008 R2 while rebuilding and reorganizing Active Directory, GPO's, and logon scripts. Worked with a team to upgrade and manage VMware ESXi environment from 3.5 to 5. Lead companywide deployment and training of Windows 7. Worked with team to upgrade Lotus Domino from 6.5 to 8.5 and lead the deployment of Notes Client and implementation of Lotus Connections and Quickr servers. Managed corporate messaging systems with Domino/Sametime and Blackberry Enterprise Server for the organization. Lead migration from MacAfee AV to Kaspersky AV. Developed project plans and lead deployment of Lumension Endpoint device security and PGP encryption as part of a security compliance project. Lead a "Green" initiative by deploying Verismic Power Manager, saving the organization over \$60,000 per year. Provided top level and executive technical support.

**Network Administrator/Intern - Henkels & McCoy**   **March 2007 – September 2007**

Managed network of over 100 servers and 1000 end users in 40 US and 4 International sites. Created and managed tape backup jobs to ensure completeness of backups for data center and remote servers. Rack servers and networking equipment and ran cables in data center. Lead the deployment of Wireless LAN in local and remote offices with 802.1x and MAC filtering security settings.

**Sr. Network Manager - La Salle College High School**   **September 2001 – June 2005**

Head network manager of a Microsoft Certified IT Academy, reported directly to CIO. Managed a group of 20 student Lab Managers with a network of 1200 users, four computer labs, 100+ faculty laptops, and Windows Servers. Designed, built, and maintained computer networks at La Salle, La Salle Academy, West Philadelphia Catholic School, St. Ignatius School, and De La Salle in Towne School.

<b>Education</b>	<b>Certifications</b>	LANDesk Certified Engineer (CLESSM9)	
	<b>Drexel University</b>	Bachelor of Science in Information Systems, Minor in Business	2005 - 2010
	<b>La Salle College High School</b>	High School Diploma	2001 - 2005
<b>Skills</b>	<b>Operating Systems</b>	VMware ESXi, Windows Server, RHEL, Oracle, CentOS, Ubuntu, Slackware, Mac OS X	
	<b>Storage</b>	NetApp, IBM, EMC, and HP SAN; Brocade Fiber Channel Switches	
	<b>Networking</b>	Cisco Switches, Routers, Firewalls; F5 and HAProxy Load Balancers; Ubiquiti and Meraki APs	
	<b>Scripting</b>	Bash, Shell, Batch, VB, Java, Javascript, PHP	
	<b>Management</b>	Nagios, Naemon, VeeamOne, NetFlow, MRTG, SNMP, Spacewalk/Satellite, WSUS	
	<b>Applications</b>	Apache, Nginx, Tomcat, IIS, MS SQL, MySQL, Active Directory, Exchange, DNS, DHCP, Sendmail	