

# 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 and Linux servers, on premises and AWS. Manage IT Helpdesk staff that supports over 100 internal users at three sites. Automated DevOps configurations, deployments, builds, and patches with Bash, Python, Ansible, Spacewalk, Git, and TeamCity. Developed and executed plans to achieve 100% virtualization using VMware vSphere, including deployment of Veeam Backup and Replication. Redesigned Storage Area Network consisting of HP 3PAR, IBM XIV, and NetApp FAS devices with Fiber Channel, iSCSI, NFS, and CIFS connectivity. Worked with application developers to strategically design web, app, and SQL environments for increased performance and security of Coriell's custom built .NET web applications. Built a highly available load balancer cluster using HAProxy for production application servers and customer facing sites. Worked with PhD staff scientists to develop Linux HPC cluster for processing of large sets of genomic data. Lead project to replace primary ISP with dedicated fiber, increasing bandwidth by a factor of 5 at a cost savings. Upgraded and migrated existing telecommunications system to a cloud based solution saving the organization over \$35,000 annually. Worked with IT management team to launch a change control/management system for all of IT. Lead project to build and implement IT asset management and IT Helpdesk solutions to streamline department work and increase transparency. Architected and executed a complete network overhaul focusing on High Availability including redundant WAN links with automatic failover, active/standby firewall cluster, SSL VPN connectivity with two-factor authentication, VLAN segmentation, and centrally managed, RADIUS authenticated 802.11ac Wi-Fi network for employees and guests in multi floor main office. Implemented Nagios for network, server, and application monitoring. Worked with IT Director to develop and review annual budgets, Disaster Recovery 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 large government agency with 50+ remote office locations. Ensured the overall functionality of the LANDesk environment consisting of 150 servers, 1,200 workstations, and over 250 laptops and mobile devices. Wrote scripts for automated 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 OUs, GPOs, and logon scripts. Worked with a team to upgrade and manage VMware ESXi environment from 3.5 to 5. Lead agency 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 tier 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)	
	Drexel University	Bachelor of Science in Information Systems, Minor in Business	2005 - 2010
	La Salle College High School	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 3PAR 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, Python, Powershell, Javascript, PHP
	<b>Management Applications</b>	Nagios, Icinga, VeeamOne, NetFlow, PRTG, SNMP, Spacewalk, Ansible, WSUS Apache, Nginx, Tomcat, IIS, MS SQL, MySQL, Redis, Active Directory, Exchange, Sendmail

