

Daniel Doughty

6320 Brookside Plaza
PMB 127
Kansas City, MO 64113
(816)406-0790
danwantsajobinkc@gmail.com

Work Experience

Unix Team Lead

9/2013- Current **Epiq Systems**, Kansas City, Kansas

- Designed and implemented VMWare deployment integration with Red Hat clients moving one step closer to elastic cloud deployment capabilities. New systems are delivered within minutes, instead of days, attached to the NAS, joined to the domain via Centrify with our custom application installed and ready for traffic.
- Manages 5 person team.
- Architecting on-demand load-based deployment of VMWare guests strategy that will scale clients horizontally as usage spikes for short-term call center engagements.
- Implemented printing services on linux enabling us to save millions annually in mainframe expenses while introducing virtualized Oracle DBs to company.
- Converged and migrated two datacenters eliminating 75% of leased rack space.
- Troubleshoot Oracle RAC evictions, Defined Oracle OEM alarming groups, escalations and alert definitions, Build Oracle RAC Members so that DBAs can implement new clusters or grow existing clusters.
- Lead extensive troubleshooting, involving 3 vendors, of poor storage performance on Oracle Unbreakable Linux running on Cisco UCS chassis that lead to location of bug creating multi-second read latency from EMC VMax SAN.
- Designed Centrify, Isilon OneFS and RedHat 6.3 NFS role based access model which greatly simplifies auditing. Users now perform work as themselves via unique unified UID rather than via a group service account. Passwords complexity and change requirements are now AD driven.

Owner

4/2011- 9/2013 **Heart of America IT**, Kansas City, Kansas

- Designed and implemented VMWare ESXi 5.1 migration from NetApp iSCSI to NFS that allowed client to fully leverage the flexibility and power of virtualization while reducing cost and complexity of implementation.
- Authored and executed procedure to cutover DNS to support migration of services from one datacenter to another including pre-testing of routes, firewall changes, MX and A records.
- Defined BCM requirements to limit VMWare SRM bandwidth utilization thus ensuring ability to both recovery rapidly from a single site outage while maintaining profitability.
- Supported Netapp FAS3240 pairs deployed in a SnapMirrored replication configuration to ensure RTOs are met. Installed new 10TB SAS shelf to expand aggregate and reduce spindle latency.

Systems Administrator

4/2008 – 4/2011 **NIC**, Olathe, Kansas

- Provided 24 by 7 systems support on site and remotely for EMC cx300 and cx700, AX 4 and over 1000 mid-range unix(RHEL 4 & 5 Linux, CentOS and Solaris), VMWare ESX (2.5-4.0) and Windows Server 2003/8 platforms. Authored BASH, perl and SED scripts to monitor system performance and to improve daily activities.
- Located misconfiguration in new EMC cx700 SAN and VMWare LUN mapping that would add complexity, limit usage and cause intermittent errors. Built and presented fact-based evidence to convince co-workers of need to reconfigure.
- Created screencast training sessions that allow teammates to train anywhere in the world, on demand and repeatedly thus increasing consistency of team knowledge.
- Certified backup and database retention policies for PCI and SAS70 compliances.
- Built business case for acquiring Data Domain backup appliances to ensure business continuity and remove difficult to deduplicate databases from Avamar.
- Installed cross replicating DD670 Data Domain pair to allow DBAs to use GRID backup functionality, thereby decreasing MTTR and ensuring DBAs are notified of failed backups so they can fix them immediately rather than in the morning.
- Migrated Idaho Web and Application services off of Solaris NFS file server onto NetApp OnTap appliance including eliminating unwieldy ACL implementation that did not provide any business value.
- Migrated Alabama services off of Solaris 9/10 to Red Hat VMs thus eliminating a non functioning load balancing app server. Added redundancy via F5 pools making the business unit easier to maintain and ensuring higher service uptimes.
- Maintained Nagios and ServiceUptime monitoring systems to provide tiered alerting to on-call personnel and external customers to reduce time to restoral.

Systems Integrator IV

7/2004 – 12/2007 **Sprint Nextel**, Overland Park, Kansas

- Acquired and integrated 5 HP Integrity rx 7640 8 processor systems running Oracle 11 with partition to allow recording of 2 weeks of messaging activity for mobile users. Database received 78 million records a day in new inserts.
- Worked on team to migrate Shortmail/Webmail platform from Boston datacenter with proprietary web servers to Geographically Redundant iPlanet installation consisting of web servers, application servers and multi-master LDAP replication.
- Performed billing audits that located a 4% loss in revenue from a particular platform. Partnered with vendor to add further granularity to their billing information and thus added 73 million in annual revenues.
- Used network troubleshooting tools, tcpdump, wireshark, ping, traceroute, and telnet, to locate problems with firewalls and routing tables.

Systems Integrator III

4/2000 - 6/2004 **Sprint Nextel (some contract some permanent)**, Lenexa, Kansas

- Administered 46 Sun x86 Servers, 5 Sun Netras, 2 4800 and 6800 Sunfire Systems, 6 420r Sun Servers, 2 HP N class Servers, and 12 HP J class Servers.

Senior Systems Analyst

5/1999 - 4/2000 **Cubic Applications, Inc.**, Leavenworth, Kansas

- Responsible for overall technical operations of Sun & SGI UNIX systems in support of seven critical, computer assisted military exercises worldwide. Responsible for 3 direct reports, international travel and logistics.

Unix System User

5/1995 - 5/1999 **U.S. Army**, Fort Hood, Texas

- Configured, operated and diagnosed Solaris SPARC UNIX systems.

Education

University of Kansas, Lawrence, KS - BA, Slavic Languages and Literature.