

**David Egan Evans** <sinuhe@xmission.com>

**Summary:** Over a decade of professional experience with cross-platform programming, system administration, technical writing and editing, corporate Linux training, and help desk.

**Skill Highlights:**

- Red Hat Enterprise Linux (RHEL 6-7), Oracle Linux (6-7), CentOS (6-7), SUSE Linux Enterprise (SLES/SLED 11-12), Slackware, Debian, Ubuntu (1404/1604), sCore.
- PCI, HIPAA compliance
- AutoFS, AutoYaST, Apache, AppArmor, BIND 9, Bogofilter, Btrfs, Cacti, Carbon (carbon-cache/relay), CUPS, Cyrus IMAP, Dell PowerEdge/FX hardware, Docker, Dovecot, Dracut, Dtrace, extended file system (ext3, ext4), FAACL, Fetchmail, FirewallD, Graphite, gridengine (SGE), GnuPG/gpg (PGP), IPTables/Netfilter, ISC DHCP, journald, Kickstart, Logwatch, Logrotate, LILO, LUKS, LVM, LXC, GNU Mailman, GRUB, GRUB2, mdadm/RAID, multipathd, NetApp (7 Mode, CDOT 8/9), NetBackup 7/8 Appliance, NFS, NFSv4 (and FAACLs), Nginx, NIS, NSS, OCFS2, OpeniSCSI, OpenLDAP, OpenShift, OpenSSH, Oracle Database, PackageKit, Linux PAM, Postfix, Preseed, Procmail, ProFTPD, PureFTPd, Rsyslog, Salt Stack, Samba, SELinux, Sendmail, SpaceWalk, SpamAssassin, sqlite, Squid, SquirrelMail, SSSD, Sysklogd, Syslog-NG, systemd, Sysstat, TCP Wrappers/libwrap, udev, Upstart, vsftpd, Xen, libvirt, kvm/qemu, XFS, Xinetd, tgt/iSCSI, Splunk, Tomcat, VMware ESXi Cluster (5.5/6.0/6.5).
- XML/HTML, TeX/Texinfo, Troff, Regular expressions, POSIX utilities, Ksh, Bash, sed
- RCS/CVS, Subversion (svn), Mercurial (hg), and git versioning systems; RT
- RPM (RHEL/SLES) package building, Yum, Zypper; Slackware and CorePKG package building
- Languages/REST: Awk, Bash/KSH/CSH/posix shell, Fortran, Java, ECMA/JavaScript, Go (golang), Modula-2, Oberon, PHP, Pascal, Perl, Python, R, Ruby.
- 66/110 block phone wiring and cabling
- 65 words per minute typing/110 10-key (Utah Work Force Services)
- Awareness of (administration/programming) Alpine, OpenBSD, Microsoft Windows, OS X/macOS
- Awareness of amavisd-new, Ansible, Chef, Courier IMAP, Foreman, Grafana, Hadoop, Jenkins, Jetty, Jira, Katello, Kubernetes, LIO/iSCSI, Maven, MS SQL, Nagios, OpenStack, Pacemaker, Pulp, Puppet, Red Hat Satellite Server, Sonar, Sybase, Yule/Beltane, JBOSS
- Awareness of dpkg package building
- Beginner's familiarity with German and Welsh languages.
- Current hobbies interests include the Plan 9/9front operating system; Project Oberon; Blackbox Component Builder; the Oberon-07 and Go languages; Knuth's TeX text processing system; and development boards (e.g. Atmel, PIC, Raspberry Pi, FPGA).
- Interest in web design criteria, layout, accessibility, and human interest interaction in both web and program interface design. What makes a program easy to use, interesting, and useful to navigate? Early studies in the 1960s suggest interesting, if not unintuitive, approaches that human beings actually prefer, versus what programmers often think of. Accessibility is also a big problem domain, especially in terms of the blind and hearing impaired.

**Current Employment: Myriad Genetics - Linux Systems Administrator (May 2016-present)**

Linux systems administrator responsible for hundreds of Linux servers and virtual machines managed with SaltStack (which our team designed from scratch); VMware ESXi server administrator; Netapp (Ontap 7/CDOT 8/9) and Hitachi NAS (3090/4080,G600, Brocade DCX) storage administrator; Hitachi VSP G1500 storage administrator; NetBackup (7/8) appliances administrator; PostgreSQL and MySQL/MariaDB administrator; programmer.

**Previous Employer: iTransact, Inc. - Linux Systems Administrator (December 2015-May 2016)**

PCI compliance manager; Linux systems administrator responsible for over 60 Linux servers, KVM/Qemu virtual machines, and OS X servers; escalation help desk for OS X and Google Chrome desktop and laptop support; programmer.

**Previous Employer: Guru Labs L.C. - Instructor, Courseware lead (July 2007-December 2015)**

Official Oracle, HP, LearnQuest, Guru Labs, and Red Hat instructor and Examiner. Was the editor of the Guru Labs courseware, a significant contributor as technical writer, and programmer responsible for the courseware build system (Ruby, Python, T<sub>E</sub>X, Context, XML), and lab system configuration and tools (Perl, RPM, RHEL/SLES/Ubuntu, shell, C).

**Current Non-Profit Volunteer Work**

- Maintainer of sCore, CorePKG, FlacCDA, m2c, and others.
- Verger and Acolyte Master, Cathedral Church of St. Mark's, Utah

**Certifications and Training:**

- Salt Lake Community College
- 4 year EfM certificate from Sewanee.
- A+ (A26DTT2400) and Linux+ (WHZC0SHBHDQEYY98)
- Red Hat Certified Engineer/RHCE (110-015-328), RHCI, RHCX (20070809-20100421)
- Novell Certified Linux Administrator (CLA-LPIne5j456925, 02/11/2011)
- Novell Data Center Technical Specialist (CLA-LPIne5j456925, 02/11/2011)
- LPIC 1 (LPI000226768/ne5j456925); In Progress: LPIC 2 (LPI201 is passed)