

David Egan Evans <sinuhe@xmission.com>

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

Skill Highlights:

- Red Hat Enterprise Linux (RHEL/CentOS/Oracle Linux 6-7), Fedora, openSUSE, 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), ACL, 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 ACLs), Nginx, NIS, NSS, OCFS2, OpeniSCSI, OpenLDAP, OpenShift, OpenSSH, Oracle Database, PackageKit, Linux PAM, Postfix, Preseed, Procmail, ProFTPD, PureFTPD, Request Tracker (RT), Rsyslog, Salt Stack, Samba, SELinux, Sendmail, SpaceWalk, SpamAssassin, sqlite, Squid, SquirrelMail, SSSD, Syslogd, Syslog-NG, systemd, Sysstat, TCP Wrappers/libwrap, udev, Upstart, vsftpd, Xen, libvirt, kvm/qemu, XFS, Xinetd, tgt/iSCSI, Splunk, Tomcat, vCenter/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), Arch, bzi/baz/bzr2, Mercurial (hg), and git versioning systems
- RPM (RHEL/SLES) package building, Yum/Dnf, Zypper; Slackware and CorePKG package building
- Languages/REST: Awk, Bash/KSH/CSH/Posix shells, Modula-2, Oberon, PHP, Pascal, Perl, Python.
- Language awareness: Fortran, Java, ECMA/Javascript, Go (golang.org), 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 Linux, 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 hobbist interests include Plan 9/9front, Project Oberon, Blackbox Component Builder; the Oberon-07 language; 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? Accessibility is 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; RT, Apache, and Tomcat administrator; 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 Red Hat 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_EX, 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 contributor to other projects.
- 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)