Steven "Shmuel" Protter: HP-UX/Linux Systems Administrator/Leader

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← **Career Objective**

Senior/architect HP-UX Systems Administration/engineer specializing in HP superdome/SME Red Hat

Experience

12/2008-Present Unix Linux Consultant and owner ISN Corporation Chicago Illinois. Contracts:

- **4/2012-present Unix Lead iGATE @ Weyerhaeuser.** WTC Federal, Way Washington (Seattle area). Leads a 10 person team 80% off shore. Responsible for HP-UX, Solaris, AIX, Red Hat and SUSE systems running core operations for the customer. Hands on HP-UX and Red Hat.
- **11/2011-4/2012: Senior Unix Johnson Controls,** Milwaukee, WI. Same duties as Best Buy part of the Global deployment of Oracle Forms on superdome HP-UX platform.
- **1/2011-8/2011: Senior Unix Architect** Best Buy: Richfield MN. SME HP-UX and Red Hat Linux architecture. Manage 74 HP-UX hosts 760 Red Hat hosts. Environment includes npar/vpar ServiceGuard, APA and openview. Red Hat 6 deployment and Satellite Server. Developed a near zero downtime Operating environment (OE) upgrade for HP-UX using DRD. Systems are central to Best Buy's $50 billion in annual revenue. Worked extensively with yum, kickstart, iscsi and multipathing.
- **7/2010-12/2010**: **Senior Unix Administrator at Biogen IDEC**, Research Triangle Park, North Carolina. Same duties as Dana. Includes day to day administration on 5 Solaris systems. Administered a sas cluster. Included 5 Seibel CRM servers in two high availability clusters.
- **9/2009-7/2010 Unix/Linux Administration at Dana Corporation**, Toledo Ohio. HP-UX 11.31 Itanium Superdome, Ignite, npar vpar, hpvm APA and Serviceguard,yum, kickstart iscsi, multipath on Red Hat and HP-UX.. Manage core business systems for an $6 billion Corporation. Primary storage environment was EMC.
- Maintain LAMP servers for multiple domains.
- Supporting customer environments HP-UX, Red Hat Enterprise Linux, Windows Server 2003
- High Availability Consultant
- Working with HP, IBM and Dell Servers and workstations.

9/2005-12/2008 Unix Administrator/Engineer NDS Jerusalem

- Unix/Linux Systems administrator/Engineer. Lead Linux Engineer Globally.
- Responsible for global DNS.
- Supported 4 24/7 real time cluster environments serving hundreds of users globally.
- Responsible for development and support of broadcaster conditional access head end systems using Red Hat Cluster Suite to provide high availability oracle database services.
- Supported hundreds of developers in all phases of NDS product development.
- Was the first installer of 64 bit Red Hat Linux at NDS and led the transition from 32 bit head systems to 64 bit Red Hat Enterprise Linux.
- Implemented low cost test and development servers using blades and virtualization.
- Managed allocation of developer data on EMC SAN.
- Invented scripted replacement for Red Hat Satellite Server saving NDS $250,000 over two years.
- Supported several HP EVA San environments
- Supported hundreds of HP-UX and Red Hat Linux Servers in Israel, United Kingdom, India, United States
- Supported NDS head end broadcasting customer environments in United States, United Kingdom, Australia, Japan, China, Korea and South East Asia. Supported DIRECTV byskyb, Sky Italia and Foxtel.
- Developed laboratory for the first 64 bit Linux broadcast head end system at NDS Jerusalem.
- Worked with HP IBM and Dell servers and workstations.

12/90-4/2005 Jewish Federation of Metro Chicago

May 2000: Promoted to Systems Specialist: Senior Unix Administrator

- Responsible for all Unix systems at the Jewish United Fund.

- Managed legacy systems for a $200 million organization. The primary fund raising and financial management applications are being migrated to an Oracle database system with Oracle's application server.
- Responsible for all OS issues, security, performance, upgrade and patching
- These legacy systems had an uptime ratio above 99%. No production system outages attributed to systems administration error since 2002..

← **May 2002-August 2003: HP Server Upgrade and Expansion**
- Managing the migration of legacy systems to L2000 64 bit HP-UX 11.11.
- This upgrade involves moving to 64 Bit versions of all major server software noted below. The upgrade also includes moving the new Donor Management System from Oracle 8.1.7 to Oracle 9i Release 2 and Oracle Internet Application Server (ias) Server 9i Release 2. .
- Application server upgrade includes managing the transition of the developers desktop applications. Using Ignite-UX imaging to cut the roll out time of three systems by up to 67%.
- Migration of database from from local disk to SAN based storage.

1995-2000 (Jewish United Fund)
- Backup HP-UX Systems Administered, Other duties continued.

1990-1997 (Jewish United Fund)
- Systems Analyst responsible JUF Legacies & Endowments System. Hundreds of millions of dollars in assets managed by the system.
- DBA for ADABAS. Handled installations, upgrades, and database performance.
- Supervised migration of these systems from mainframe to HP9000 using HP-UX.
- Managed several programmers on a project by project basis. Assisted in the conversion of JUF systems from IBM 4381 to HP-9000 in 1994-1995.

11/89-12/90 ASB/Meditest MIS Des Plaines IL
- Database programmer in multiple languages primarily servicing the Customer Service Department transaction processing. Networking, reporting LAN configuration.

3/89-10/89 Electronic Data Systems Madison WI
- Systems Engineer Development program. Wisconsin Medicaid account.
- Responsible for software enhancement request development, testing of enhancements and changes. Responsible for recipient eligibility and micro to mainframe electronic claim processing.

10/87-2/89 Gaylord Broadcasting Milwaukee WI
- WVTV-TV Automation Interface. Coordinated the automatic transfer of data from a System/36 to a custom automation system via a PC terminal emulation. The automation system currently controls every event in the stations broadcast day. Error rate reduced from 25% to under 1%.

← **Areas of Competency**

• 15 years HP-UX systems administration.	• Dell, IBM HP Servers and workstations
• HP-UX Administration CSA (2002)	• Oracle Database Server 8i/9i/10g/11g
• Logical Volume Management(LVM) (15 years)	• Oracle Application Server 9i/10g
• npar/vpar/HPVM APA (5+ years)	• Apache httpd server (10+ years)
• HP-UX Security tools & practices	• mysql 3.x-5.x (10+ years)
• Ignite Golden Images & Disaster Recovery	• SAN connectivity
• Network Security	• Linux Systems Administration(RHCE)
• HP/Service Guard	• mediawiki & wikipedia support
• HP-UX Auto Port Aggregation (APA)	• clearcase support in an RHCS cluster
• HP-UX Advanced kernel configuration	• Virtualization (vmware and Xen and KVM)
• Advanced HP-UX patch management	• LAMP, installation, support, high availability
• Automated system management (15 years)	tripwire. 10+ years
• Advanced Shell Scripting(awk perl sed posix korn, bash) (15 years)	• Veritas Volume Manager
	• HP-UX Dynamic Root Disk
	• Red Hat Satellite Server 5.4
	• yum, kickstart, iscssi

Information Technology Training

• HP-UX Network and Systems Administration I	• Linux Performance Tuning
• HP-UX Network and Systems Administration II	• Fast Track RHCE Training
• HP-UX Network and System Troubleshooting	• Myssql database fundamentals
• HP-UX Network Security	• Linux Virtualization
• HP-UX Internet Security	• Linux Security
• HP-UX Ignite-UX	• NDS Internal videoguard course
• HP/Service Guard	• NDS Project Delivery Training
• Oracle DBA Training	• Oracle Forms and Reports developer

Education

January 1990-May 1991 College of Du Page Glen Elyn IL

C Programming, Advanced C Programming. Included data structures, linked lists, queues, and bit-mapping.

September 1983-May 1987 University of Connecticut

Graduated with a degree in General Business Administration with a 3.4/4.0 average within the major. This included a full year of Information Systems..

← **Honors and Awards**

Certificate of Achievement ASB/Meditest Lee Street move.

Chairman student government Public Relations and Yearbook. Annual budget over $40,000.

#1 Contributor to the ITRC Forums http://forums.itrc.hp.com (See leader information)