

**Michael E. Shaw**  
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Twenty years experience in the computer industry with over nine years experience in Unix, network, and firewall administration:

### **UNIX Skills**

- Unix systems: Sun Sparc, HP, IBM servers and workstations, Red Hat Linux on Intel servers.
- Unix operating systems: Solaris, SunOS, HP-UX, AIX, Red Hat Linux.
- Unix shells and utilities: Sh, csh, ksh, bash, sed, awk, cgi.
- Unix servers providing the following services: NFS, NIS, DNS, SMTP, NTP, FTP, sysloging. Administration of Linux servers providing clustered Oracle 10g configuration with EMC SAN, Sun clustered Oracle 9iRAC using Veritas volume manager, web services, token authentication and reporting, license managers.
- Unix clustered firewall running CheckPoint NG firewall application with SecureClient VPN.
- Use of C and Gnu compilers, unix editors, Perl, license managers, shell scripts and utilities for managing data and information, mail handlers, graphics viewers and editors, html editor applications, and version control software.
- Installation, training and support of customer unix-based software applications.
- Manage backup services with Veritas NetBackup and perform manual backups with tar, dump, and mt in shell scripts. Experience with Legato Networker and PDC's BudTool applications.
- Document procedures and maintain inventory of systems and configurations.

### **Network Skills**

- Network architecture planning, configuration, and implementation.
- Cisco network switches, routers, and wireless access points support and administration.
- Configure TCP/IP networks utilizing Cisco switches, routers, access points and VLANs.
- Utilize Cisco Works management package and HP OpenView for network node management.
- Perform IOS upgrades, configure devices, back up configurations and flash to tftp servers for Cisco equipment.
- Network sniffer and packet analyzers.

### **Customer Support**

- Perform unix user account administration with home, data, and application directory maintenance.
- Provide workstation installation, networking, and application support to end-user.
- Obtain and prepare maintenance contracts with manufacturers/resellers for equipment and applications support.
- Resolve work order tickets for customers in addition to on-call duties for network, servers, and IT services administration.

### **Additional Skills**

- Utilize PC based workstations and laptops for corporate desktop platform running Windows 2000 and XP.
- Utilize desktop platform with Microsoft applications: MS Exchange and Outlook, Excel, Word, PowerPoint, Project, Internet Explorer, and Visio.
- Experience with other PC applications: Hummingbird Exceed, Netscape, WordPerfect, Lotus – Notes, 123, CC:Mail, HotMetal Pro, Photoshop, Flowcharter, WRQ Reflections, terminal emulators, zip, ssh, and ftp utilities.
- Utilize PC based versions of packet analyzers and utilities e.g. Snort, TCPDump, Nmap, Ethereal.

### **Employment**

#### **SEMATECH – Austin, Texas – 5/89 to present**

##### **UNIX, Network, and Firewall Administrator, 11/95 to present**

- Nine years experience in systems administration, application support and infrastructure support. Currently support corporate IT Unix servers providing core unix services.
- Support and administer Sun servers running clustered Oracle 9iRAC database, Dell servers with EMC SAN running Red Hat Linux and Oracle 10G cluster, CheckPoint firewall and VPN services, and a centralized application and utilities software repository with a solid understanding of UNIX-based operating systems, TCP/IP networking, and security configurations and support.
- Perform upgrades and apply patches to unix servers and workstations as needed.
- Support and administer Sun server running Cisco equipment management application.
- Monitor syslog and firewall logs for intrusion detection. Work with management and customer requirements to determine and configure corporate security policies and Internet access.
- Participate in corporate wireless configuration, testing, and implementation.
- Work with company departments and engineering groups in determining workstation needs and requirements. Work with vendors to size and cost equipment, prepare purchase ordering, and obtain and configure systems for supported platform configuration.

#### **SEMATECH – Austin, Texas – Continued**

##### **PC, Workstation, and Network Support Technician, 5/89 to 10/95.**

- 6 years experience providing PC workstation and server support for corporate infrastructure.
- Worked with management and end users to design a corporate supported PC platform configuration of hardware and software to be the Consortium's standard platform.
- Configure, install, and support PC platform for end users.
- Utilize Heat work order ticketing system to log and resolve customer requests, purchases, installations, and support issues.
- Provide support for defining and maintaining corporate PC data and application servers.
- Document procedures and maintain inventory of systems and configurations.

**Entre – Austin, Texas – 8/88 to 5/89**

PC Support Technician – Field Service

- On-site customer assignments, field service, installation, maintenance, and repair.

**Consultant and Service Technician - Austin, Texas – 11/87 to 8/88**

Self employed PC Support Technician – Field Service

- Field service, installation, maintenance, and repair of PC and minicomputer systems.

**CPU Maintenance/Percor Inc. – Austin, Texas – 5/83 to 10/87.**

Field Service Engineer

- Provided maintenance and repair of Texas Instruments 990 minicomputer for both hardware and software.

**EDUCATION**

- Associates Degree in Industrial Electronics. 1974 – 1976. Granite Falls Technical College, Granite Falls, MN.

**INDUSTRY RELATED TRAINING**

- Red Hat Enterprise Linux System Administration. RHCT Certification.
- Cisco training courses on Router and Switch configuration, and CWSI management application.
- Sun training on Cluster product administration and Veritas Volume Manager for use with Sun Cluster product.
- CheckPoint Training on Firewall-1 product.
- Network Associates training on Network Analyzer Sniffer product.

**PROFESSIONAL MEMBERSHIPS**

- USENIX/SAGE association.
- CACTUS - Capitol Area Central Texas Unix Society.