

# Eric M. Stone

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Over 30 years of systems design and implementation of distributed Client/Server environments. Hands-on experience in fast-paced, large-scale enterprises architecting, developing, deploying and managing client services, systems and staff in cutting-edge networks of Amazon, Linux, Solaris, Apple and Windows servers and workstations. Responsibilities covered a wide range of technical areas. Designed, planned, purchased and fully implemented a wide variety of applications, systems, and networks, in order to provide the best business functionality for the lowest cost.

<b>Hardware &amp; Systems</b>	Amazon AWS (various), RightScale, Sun (Servers, disk arrays and desktops), HP/Compaq, Dell and other Intel/AMD-based PC's and servers, EMC/Clariion, Hitachi Storage, Apple, Brocade, McData, QLogic, Cisco, Foundry, Nokia, Cabletron/Enterays, Ascend, Cyclades, HP and Tektronix printers, SecurID, Auspex, Annex, Bloomberg, Reuters, Network General, Fluke, InterTel PBX, AT&T System 75 PBX, IPC Tradenet MX, Cable plants (voice and data wiring)
<b>Operating Systems</b>	*NIX, CentOS, MacOSX, Sun Solaris (all), VMWare ESX with VirtualCenter, MacOSX, Red Hat Linux, FreeBSD, SunOS 1.x, MS Windows, AT&T UNIX (SVR3, SVR4), Novell
<b>Protocols &amp; Networking</b>	NFS, SMB, HTTP, HTTPS, TCP/IP, IPX/SPX, HDLC/SDLC, UUCP, NNTP, NTP, FTP, INN, PPP, PPTP, IPSec, IKE, NAT
<b>GUI's</b>	Cocoa/Carbon, X Windows, Openwindows, Motif, CDE, MS Windows, Gnome, Sunview
<b>Software</b>	PHP, Continuent Tungsten Clustering and Replication, Wordpress, MySQL, Endicia, PERL, Sun WebServer7, Veritas/Symantec VCS & VxVM, GNU tools, Apache, SAMBA, LDAP, Checkpoint, Mercado, Weblogic, Bloomberg, Reuters, TIBCO/Teknekron, HP NetMetrix, Patrol, RADIUS, ACE, HTML, SSH, C, K & Bourne Shells, Expect, AWK, Telnet, FTP, NNTP, INN, NIS, DNS, Sendmail, WireShark, snoop, tcpdump, nmap, Postfix, Qmail, NTP, SMAP, Nagios, BigBrother, N-Able, Tolis BRU, iPlanet web and application servers, MS Office Suite along with an extensive list of PC and UNIX applications.

## EMPLOYMENT HISTORY

### **VMware, Inc., 3401 Hillview Ave, Palo Alto, CA 94304**

*Solutions Architect (November 2014 – Present)*

Pre-sales architecture, implementation and deployment, and post-sales support of database clustering and replication software.

### **Continuent, Inc., 560 S. Winchester Blvd. Suite 500, San Jose, CA 95128**

*Solutions Architect (February 2014 – November 2014)*

Pre-sales architecture, implementation and deployment, and post-sales support of database clustering and replication software.

### **Wyaerd Consulting, Inc., 2045 Amwell Road, Somerset, NJ 08873 & 100 Whiskey Hill Rd, Danby VT 05739**

*President and Owner (March 2006 – Present)*

Provide systems architecture, integration and disaster recovery for enterprise environments. Also provide web design, hosting, implementation and support for small and mid-sized businesses.

**U.S. Philatelic Classics Society, Inc.** - Wordpress website client, [www.uspcs.org](http://www.uspcs.org)

**Philatelic Foundation** - Wordpress website client, [www.pf.org](http://www.pf.org)

**U.S. Stamp Society** - Wordpress website client, [www.usstamps.org](http://www.usstamps.org)

**Dora Wedding Bands**, 82 Bloomfield Ave, 1st Floor, Pine Brook, NJ 07058 – Website/Mobile client, [www.dorarrings.com](http://www.dorarrings.com)

**Dorset Inn/Barrows House** – Systems administration client, [www.dorsetinn.com](http://www.dorsetinn.com)

**Mideast Youth** - Systems administration/database/backup/monitoring client, [www.mideastyouth.com](http://www.mideastyouth.com)

**Mobiquity Networks** – Systems administration client, [www.mobiquitynetworks.com](http://www.mobiquitynetworks.com)

**AppyCouple** - Systems/database administration client, [www.appycouple.com](http://www.appycouple.com)

**The Pin People** - Web hosting client, [www.thepinpeople.com](http://www.thepinpeople.com)

**International Oils & Concentrates** - Wordpress website client, [www.thepinpeople.com](http://www.thepinpeople.com)

**WebThriftStore, Inc.**, 221 17<sup>th</sup> Street, 4<sup>th</sup> Floor, New York, NY 10011 (866) 925-2324

*Director of Technology*, Website/systems administration/database client, [www.webthriftstore.com](http://www.webthriftstore.com)

**Thamaturgix/Large Retail Client** New York, NY (October 2006 – March 2009)

Provide disaster-recovery-focused systems architecture and administration for retail/online firm.

### Environment

This is a Sun-based environment, with Solaris 8, 9 and 10 using a wide variety of Sun Enterprise servers, including T1000, 6800, 4800. SAN is a 2Gb McData switch fabric with Hitachi 9985 disk arrays. Veritas and SDS are used for disk management;

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Nagios for systems monitoring. 3Com chassis switches for core LAN, Cisco and Enterasys switches/routers for network infrastructure, Checkpoint and Rainfinity firewalls. Oracle 9i RAC and Informix are the databases of choice.

### Major Accomplishments:

- Lead role in complete design and implementation of disaster recovery infrastructure to support online and retail sales.
- Created highly-available services for web site in NYC data center.
- Tech lead on new web infrastructure and NFS/CIFS architecture.
- Migration of core services to new network.

**Clinton Group, Inc.**, 9 West 57<sup>th</sup> Street, 26<sup>th</sup> Floor, New York, NY 10019 (212) 739-6044  
Maintained and upgraded Disaster Recovery facility; Website client, [www.clinton.com](http://www.clinton.com)

**KB&R Trading**, 33 Newman Springs Road, Tinton Falls, NJ 07724 (732) 842-7040  
Designed, implemented, maintain and host a trade tracking system for commodity broker. Perl, MySQL, Apache, Linux.

**Ideal Book Store**, 622 Route 10, Suite 3, Whippany, NJ 07981 - Website client, [www.idealbooks.com](http://www.idealbooks.com)

**Temple B'nai Jeshurun**, 1025 South Orange Avenue, Short Hills, NJ 07078, (973) 379-1555 - Website client, [www.tbj.org](http://www.tbj.org)

### **Information Euphoria, Inc., 2725 Advance Lane, Colmar, PA 18915**

*Chief Technology Officer (July 2005 – March 2006)*

Responsible for all technology decisions, architecture and projects for \$3M IT services firm.

### Environment

Personally-designed and implemented fault-tolerant compute cluster with VMWare ESX running on Sun Opteron servers managed by Virtual Center. Used Cisco Layer-3 switches and BGP4-based routers with Pix firewalls, Apple RAID and servers, QLogic SAN, and APC power and environmental conditioning. Windows 2003AD/XP with MacOSX.

### Major Accomplishments:

- Managed staff of 8 engineers; administered internal systems and client's managed services.
- Implementation of Tier 2 Data Center and Hosting Facility.
- Reorganized and streamlined departmental process and procedure (i.e. purchasing, order tracking, etc).
- Established Help Desk and NOC; created Intranet and documentation for systems and procedures.
- Provided sales support, architecture, technical support and website development for client projects.
- Project management using MS Project.

### **Clinton Group, Inc., 9 West 57<sup>th</sup> Street, 26<sup>th</sup> Floor, New York, NY 10019**

*Senior Systems Architect (September 2002 – June 2005)*

Provided systems architecture, integration and day-to-day administration and support for a financial services company (hedge fund). Was one of a two-person UNIX team responsible for the entire server and security infrastructure.

### Environment

Sun and Linux -based environment, using an EMC Celerra for NFS and SMB. Also used Sun A1000 disk arrays. Veritas and ODS were used for disk management; Veritas Cluster for Oracle High-Availability; BigBrother and home-grown web tools for systems monitoring. Avaya Cajun switches and Cisco routers and switches for network infrastructure,

### Major Accomplishments:

- Implementation of Disaster Recovery Facility and Plan
- Complete overhaul of all systems admin standards and practices
- Move from 55 Water Street to 9 West 57<sup>th</sup> Street
- Expansion, tuning and firmware upgrades of EMC server
- Designed and implemented new development infrastructure, including major ClearCase upgrade
- Created modular web-based systems and applications monitoring system
- Standardized and scripted NT user account login, drive mappings, printer configuration with DR capability.

### **Wyzaerd Consulting, Inc., 2045 Amwell Road, Somerset, NJ 08873**

*President and Owner (April 2000 – September 2002)*

Provide systems architecture and integration for financial and on-line trading environments. Also provide web design, hosting, implementation and support for small and mid-sized businesses.

**OnMoney.com**, 287 Bowman Ave, Suite 4000, Purchase, NY 10577, 914-696-6561 (Sept. 2000 – Jan. 2001)

Assisted with design and implementation of new data center, as well as move planning and coordination.

**National Discount Brokers**, 90 Hudson St, Jersey City, NJ 07302, 201-209-7760 (April 2000 – Jan. 2001)

Provided systems architecture and administration for online trading firm.

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## Environment

This was a Sun-based environment, using NFS and Enterprise 6500, 4500, 450, 250, and U10 servers with A1000 and D1000 disk arrays with Sun 5200 RAID controllers. Veritas and ODS were used for disk management; Patrol for systems monitoring, Cisco 6509 switch/routers for network infrastructure, Foundry BigIrons and Nokia firewalls for the portal. Oracle was the database of choice.

## Major Accomplishments:

- Lead role in complete redesign of iPlanet portal infrastructure to support 200,000 user accounts in online trading environment. This includes production, QA and development environments. Succeeded at improving performance and uptime (2-3 failures/year vs. 1-2 failures/day).
- Designed and implemented Intranet-based trade process monitoring system, including automation of operations reporting.
- Designed and implemented automated code rollout system.
- Designed and implemented OFX infrastructure for interface with Yahoo.

## **CDC Investment Management Corp., 9 West 57th Street, 36th Floor, New York, NY 10019, 212-891-6500**

*VP/Head of Systems Architecture and Security (June 1994 – April 2000)*

Responsible for systems and network architecture, administration and support for all network, hardware and software operations for 300 users in an international finance environment.

## Environment

This was a Sun-based environment, using NFS and Enterprise 4500, 450, U170 and U140 servers with BoxHill disk arrays and RAID controllers. Veritas and ODS were used for disk management; Cabletron SmartSwitchRouters and SmartSwitch 6000 & 9000 switches for network infrastructure, Checkpoint firewalls for security, and Auspex fault-tolerant NFS servers. Sybase was the chosen database.

## Major Accomplishments:

- Responsible for large projects, including the firewall, network and file server deployments with value totaling over *two million dollars*.
- Saved the company over *one million dollars* through negotiation and intelligent purchase choices.
- Integrated two separate business units' networks into a single, well-performing, manageable structure.
- Implemented Fault-tolerant Internet firewall.
- Implemented Fault-tolerant world-wide remote-access network using Ascend, Radius and Security Dynamics tools.
- Designed, planned, implemented, upgraded and supported:
  - Cabletron-based network in a switched, meshed 10/100/1G environment with IP multicast support; Spectrum software.
  - Auspex Fault-tolerant NFS file servers with over 150Gb of data on a 24x7 basis; maintained and managed file system allocations and data relocation.
  - High-performance Sun Enterprise DB and compute servers for Risk Management, OLTP and Data Warehousing/Mining.
  - High-capacity, redundant tape backup systems (ATL).
- Implemented equipment room with network-accessible console servers.
- Implemented ability for NY location to access both Internet and our Paris headquarters intranet via WAN.
- Implemented network-based fax system (Bristol Isofax) with personal fax routing.
- Performed large-scale computer, network and telephone moves to the 49th and 43rd floors.
- Performed round-the-clock, year-round support of all operations (24 hours/day, 365 days/year).
- Deployed pager system to allow automatic notification of system failures and direct access to support staff by all employees.

## **Fusion Systems Group, Ltd., 225 Broadway 24th Floor, New York, NY 10007, 212-285-8001**

*Senior Systems Engineer, Systems Administrator (June 1993 – June 1994)*

Systems administration and support for a broad mix of Sun networks for financial services and trading companies.

**Federal Farm Credit Banks Funding Corp.** - Provided system and network administration, including such software as Sun Online Disk Suite, High Availability for Sun, and third-party applications. Also provided user support, network tuning and expansion, application installation and hardware maintenance for the institution that puts farm debt on the open market. Standardized user management and provided Frame and UNIX training.

**Federal Emergency Management Agency** - designed, installed, administered a Sun/PC (PC-NFS 5.0) network used to analyze GIS (graphical and map) data for the disaster relief and recovery Emergency Support Team. This client required extensive printing and plotting as well as an Oracle Client/Server SQL interface for the PC's.

**PC Magazine** - member of a UNIX support team providing data for a cover story comparing the performance of various UNIX workstations. Participated in installing the workstations, operating systems and all applications. Workstation platforms included Sun, IBM, SGI, HP, DEC, Tatung, Integrix and ALR. Applications included (but not limited to) Frame, Corel, AutoCAD and Aster\*x.

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**CS First Boston** - System administration, including software installation, licensing, testing, updates and maintenance. Shell and AWK programming.

**Fusion Systems** - Main system administrator for Fusion. Implemented portable computing. Supported in-house users as well as remote offices. Administered Internet connection to PSI via Morningstar router. Automated tasks with Bourne and C shells.

### **Electrorep-Datacomm, Inc. (ERI), 180 Vanderbilt Motor Parkway, Hauppauge, NY 11788**

*Corporate Technical Educator/Support Specialist (October 1990 – May 1993)*

Systems administration and support for Sun networks as well as extensive customer support and technical training responsibilities for a broad range of financial services and trading companies.

- Installation and maintenance of systems hardware (client systems and terminals, servers, peripherals and memory).
- Installation and maintenance of software (operating systems, applications and utilities, both new and updates).
- File systems administration (backup scheduling, restoring, resource management including quotas, maintenance).
- Printer administration (local and remote printing, /etc/printcap).
- Network maintenance (NFS, NIS, DNS, automount, mail services, security and the physical cable plant).
- Kernel configuration and tuning, including allocating systems resources (i.e. swap space).
- System performance tuning using various systems commands (sar, pstat, vmstat, nfsstst, nfsstat, etherfind, etc.)
- Sun Microsystems certified instructor in Systems Administration.
- Developed and taught courses in SunOS, AT&T SVR3 and SVR4, Framemaker, Aster\*x, Novell Network Administration (2.15 and 3.11), LAN/Internetworking concepts, Lotus and Word Perfect for Sun, and many others.
- High level customer support for all products carried by ERI (i.e.: Intel, SPARC and RISC-based hardware, communications equipment (modem, mux and router), operating systems).

### **Professional Business Solutions, Inc., 10 Rodney Road, East Brunswick, NJ 08816**

*Vice President (December 1989 – October 1990)*

As co-owner and VP, was responsible for all client support, training and service, including the complete design and installation of Novell networks. Also created custom sales and marketing software using Foxpro database software. Desktop publishing with Aldus PageMaker 3.0. SBT accounting software installation, modification and training.

### **Wyzaerd Consulting, 152-16 Willowbrook Drive, North Brunswick, NJ 08902**

*Independent Consultant/Owner (January 1988 – December 1989)*

Provided ongoing client support.

- IBM System/36 file maintenance and backup. OCL programming.
- Performed PC software support and custom training.
- Custom programming using Foxbase Plus, dBase III Plus, Lotus 1-2-3 macros, and assorted DOS routines.
- Implementation of SBT accounting software, including custom modifications.

### **Exact Solutions, Inc., 24 Route 130 South, Dayton, NJ 08810**

*Service & Support Manager (August 1987 – February 1989)*

Provided ongoing client support.

- Provided PC software support, handled internal programming needs, supervised service and shipping departments.
- Performed system set-up, troubleshooting and repair, as well as on-site service.