

JAMES EDWARD TATMAN

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### Summary:

Extensive background as a senior storage and systems administrator, engineer and architect, virtualization consultant and implementor, IT manager, and small business owner; employed in technology-centric Information Systems positions for more than 14 years while using proven leadership ability, depth of technical knowledge, organizational skills, practical and systems/storage engineering skills in demanding, large and small scale environments. Significant attention on customer interfacing relationships, and an ability to communicate technical concepts clearly to the nontechnical audience - these skills are among my proven strengths. Lead technical resource on more than 15 successful enterprise level IT environment Disaster Recovery drills. Consultant for large and small scale deployments of virtual "clouds", storage architecture, and systems design. Web aficionado and purveyor of promising performance upgrades and technology solutions.

### Professional Experience:

Independent Consultant and Technology Architect

Tatman Technologies, LLC

Woodland Hills, CA

September '09 to Present

Supporting installations of NetApp hardware and software as well as virtualization/storage architecture of several varied vendors (including Fujitsu, Microsoft, Sun Microsystems, Vmware, Novell/Citrix and Parallels), web hosting, business web design, and search engine optimization.

Senior UNIX and Storage Engineer Sun America Annuity

(AIG Retirement Services Division)

Woodland Hills, CA

July '03 to September '09

Senior level Unix and storage architect, supporting over fifty NetApp filers, and

EMC Symmetrix DMX chassis totaling more than 980 TB of storage space, associated SAN switches, cabling, accelerator cards across multiple sites; in addition to managing over 250 Solaris, SuSE Linux, AIX and HP-UX servers in a truly diverse and stimulating environment.

Selected accomplishments:

- ∞ Architect for company-wide AIG Retirement Services enterprise NetApp solutions including more than 50 business critical file installations, engineering for these, and execution and management of daily administration and support as well.

- ∞ Use NetApp and EMC replication technology, and data compression along with proven, standardized, documented recovery procedures achieved targeted BCP RPO and 24-hour mean time to recovery with 700+ servers/virtual instances actively replicated nightly.

- ∞ Effective sharing of knowledge gained with other team members through regular topical meetings to help others progress with emphasis on personal development and information sharing.

- ∞ Create and engineer architecture design of systems, storage, and business strategies ∞ Establish enterprise level disaster recovery and architecture policies in multi-node environment successfully.

- ∞ Used templates and VMware ESX virtual machine containers to easily deploy utility computing power along with streamlined storage deployment.

- ∞ Disaster Recovery team lead for more than 12 company-wide DR exercises involving both on-site and off-site isolated drills, with more than 600+ recovered server instances with data per exercise, complex infrastructure planning/engineering/architecture required, as well as successful completion of recovery objectives.

- ∞ Lead data mirroring effort for effective off-site disaster recovery of business critical systems; introduce Snapmirror to the enterprise through proof of concept as viable product for replication and recovery; responsible for introduction of second tier Snapvault for replication, aggregation, and consistency objectives.

- ∞ Lead storage development, storage migration projects, and assist and coordinate on lengthy troubleshooting/resolution scenarios for the largest general ledger SAP/Oracle based financial system in North America; Responsible for storage management, customer relationships, collaboration and troubleshooting of other mission critical application environments including Websphere, Weblogic application servers as well as Microsoft SQL and Informix databases in a demanding and rapidly changing financial services business.

- ∞ Lead implementation of HA multi-path failover with complete re-architecture of fibre pathing.

- ∞ Design for and deploy enterprisewide related configuration/management/monitoring software including EMC Control Center (ECC), NetApp Operations Manager, Protection Manager, Virtual Center, and Symantec (Veritas) Foundation Suite with Clustering, on Solaris/SuSE production host platforms. Work with additional engineers to consolidate VMware storage and recovery procedures; engineer solutions for ESX server platforms and virtual hosts; use NetApp VIBE environment to assure consistency and recoverability with more than 600 critically classified virtual hosts in the production tier replicated environment.

- ∞ Engineer and architect delivery/upgrade strategies for Sun including JumpStart automated installations and Flash Backup archives.

- ∞ Lead imaging systems migration to magnetic storage utilizing NetApp Snaplock software and Business Continuity related tools to a sitewide implementation for a successful, comprehensive imaging retention strategy.

IS Manager Knowledge Kids Network  
(a.k.a. KKN, a division of Knowledge Universe)  
Century City and Westwood, CA  
August 2000 to July 2003

Manage all IS department operations, including staff, ordering, scheduling, and auditing. Role included focus on operations, UNIX, Windows, and MacOSX support at the server as well as desktop level; capacity planning, storage and recovery, help desk, mailing solutions, specialized data protection, backups, and asset management. Support roles in developing Java Server Pages, Audio Editing, Video collaboration for regular presentation of potential ideas, concepts, and product development to executive level personnel.

Selected accomplishments:

- ∞ Create and manage project plans, estimates, contracts, and proposals for server migrations, new server installations, storage deployments, and supplemental hardware installations.

- ∞ Design and implement bug tracking and trouble ticket system for measurable customer satisfaction increase, and help desk appreciation.

- ∞ Manage ISP migration project including a physical move of all server and network equipment, hardware racks, cabling and configuration efficiently and

quickly with no site impact noted.

∞ Building Linux mail servers using Qmail and Postfix for security and efficiency.

Systems Administrator  
Leopard Communications  
Boulder, CO  
August 1998 to July 2000

Administered and supported a mixed and variable network running Solaris, AIX, and RedHat Linux on SUN, IBM, and HP servers respectively, Mac OS9 and OSX deployments, NetApp 970 filer, and fibrechannel core for a creative web marketing company.

#### Selected Accomplishments:

∞ Manage support service contracts for hardware, the operating system and ArcServe Backups.

∞ Manage move of all critical company data to NetApp hardware and ethernet connectivity.

∞ Manage all Cisco switch and router infrastructure supporting more than 100 seats and ports ∞ Develop scripted solutions in Perl to make the daily work sequence more efficient and repeatable.

#### Training and Knowledge Assessments:

-- Completed Continuing Education Classes:

Network Appliance (NetApp):  
SAN Advanced  
DataOnTAP Advanced

EMC2 :  
Control Center Management  
Snap Fundamentals EMC IP SAN Technologies  
SAN Foundations  
SAN Design and Planning  
Visual SAN Foundations  
NAS Foundations  
PowerPath Foundations  
Clariion Foundations  
Clariion Hardware  
Clariion Host Integration

Centera Foundations  
Celerra Fundamentals  
Timefinder and BCV operations  
SRDF Foundations

Symantec (Veritas):  
NetBackup 5.0 Training

Microsoft:  
Microsoft MCSE Fundamentals

Certificates:  
Cisco Certified Network Associate

Skills Summaries:

-- Operating Systems and Software Skills:

- Primary experience in NetApp DataOnTap (since 1997)
- EMC Symmetrix and Clariion base platforms
- Solaris OS versions 610; Linux varieties including SuSE, RedHat, Debian, CentOS, and Ubuntu
- VMware ESX versions 2.5.33.5U4; VMware server 2.0 and workstation versions 3.03.6
- Citrix XEN Server OS
- Cisco router/switch IOS
- SAN switch platforms including Cisco MDS and Brocade FabricOS
- Open-Source software implementations including OpenFiler, MySQL, Perl, Python, and Amazon Web Services platforms, open xen and openvz virtualization
- Mac OS versions 9 through X.
- Significant experience with Microsoft Windows NT 3.5.1 through Windows Server 2003; Windows SQL server 6.0 through 2003
- Microsoft Exchange software from Exchange 5.1 to Exchange 2007

Proven Technical Skills:

∞ Mastery of administration, engineering and architecting in a fastpaced and exceptionally demanding enterprise environment, as well as the ability to address the issues of small and medium business environments equally as well.

∞ Mastery EMC Control Center, and SYMCLI/SYMAPI software packages as well as Symmetrix and Clariion hardware.

∞ Proven ability to use Open Source software to solve unique problems quickly, cut costs, build reliable processes, and achieve business objectives.

∞ Mastery of Sun Enterprise 6800 multidomain server platform administration, Sun Enterprise 250, 450 through SunFire 280, 480, and 880 Models as well as Fujitsu PrimePower 250, 450, and 650 lines with regards to repair, maintenance and troubleshooting.

∞ Mastery of storage allocation, deployment, and extensible architecture in both large and small environments, with a genuine concern for costs and benefits, and sufficient monitoring and reporting.

∞ Mastery of Symantec (VERITAS) Volume Manager and File System administration.

#### Formal Education:

University of Colorado Boulder, CO  
1994 through 1998  
Communications and Kinesiology

Denver Institute of Technology Denver, CO  
1998 through 1999  
Operating System Development and System Analysis (UNIX)  
Special Certificate