

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 12 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 to customer interfacing relationships, and an ability to communicate technical concepts clearly to the non-technical audience are among my strengths. Lead technical resource on more than 15 enterprise level IT environment Disaster Recovery drills executed successfully. Consultant for large and small scale deployments of virtual "clouds", storage architecture, and systems design. Web aficionado and purveyor of promising performance.

Professional Experience

Independent Consultant and Technology Architect

Tatman Technologies, LLC

Woodland Hills, CA

September '09 to Present

Currently supporting web design and implementation, search engine optimization, installations of NetApp hardware and software as well as consulting on virtualization and storage architecture of several varied vendors including EMC, Microsoft, and Sun Microsystems. Available through this vehicle for short or long term contracts, or consulting opportunities.

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 totalling 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 filer 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 onsite and offsite isolated drills, with more than 600+ recovered server instances with data per exercise, complex infrastructure planning-engineering-architecting necessary, as well as successful completion of recovery points
- ∞ Lead data mirroring effort for effective offsite disaster recovery of business critical systems; introduce Snapmirror to the enterprise 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 co-ordinate 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-pathing failover configuration within filer cabinets, and re-architecture of fibre paths.
- ∞ Design for and deploy enterprise-wide 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 and Business Continuity related tools to a site-wide implementation for a successful, comprehensive imaging and retention strategy

IS Manager

Knowledge Kids Network (KKN, a division of Knowledge Universe)

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 fibre-channel 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

Completed Classes: NetApp SAN Advanced, NetApp DataOnTAP Advanced, EMC Control Center Management, EMC Snap Fundamentals, EMC IP SAN Technologies, EMC SAN Foundations, EMC SAN Design and Planning, EMC Visual SAN Foundations, EMC NAS Foundations, EMC PowerPath Foundations, EMC Clariion Foundations, EMC Clariion Hardware, EMC Clariion Host Integration, EMC Centera Foundations, EMC Celerra Fundamentals, EMC Timefinder and BCV operations, EMC SRDF Foundations, Symantec NetBackup 5.0 Training, Microsoft MCSE Fundamentals

Certificates: Cisco Certified Network Associate

Skills Summaries

Operating Systems and Software:

Primary experience in NetApp Data-On-Tap (since 1997); EMC Symmetrix and Clarion base platforms; Solaris OS versions 6-10; Linux varieties including SuSE, RedHat, Debian, CentOS, and Ubuntu; VMware ESX versions 2.5.3-3.5U4; VMware server 2.0 and workstation versions 3.0-3.6; Mac OS versions 9 through X. Significant experience and comfortable with Windows NT 3.5.1 through Windows Server 2003; Windows SQL server 6.0 through 2007; Exchange software from Exchange 5.1 to Exchange 2007; Cisco router/switch IOS; SAN switch platforms including Cisco MDS and Brocade FabricOS; Open-Source software

Proven Technical:

- ∞ Mastery of administration, engineering and architecting in a fast-paced 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 multi-domain 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, joint-majors

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