SPENCER HASTINGS

AIX & LINUX WIZARD-AT-LARGE

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[Extended Resume](#)

SKILLS

PROFESSIONAL

Performance Specialist
Problem Solving
Troubleshooting
Planning Meetings
UNIX Cybersecurity
Planning and Implementation

SPECIALIZATION

AIX – 30+ Years of hardware and software administration on levels from 3.2-7.3

LINUX – 30+ Years of administration on multiple variants, architectures, and levels.

TECHNICAL

EKM, IBM GSKLM/GKLM, NIM, LPM, ALT_DISK_INSTALL, VG/LV, SSA, RAID, TCP/IP, TCP WRAPPERS, NTP, PGP, GPG, SYSLOG, PSSP, SDD, SSH, PuTTY, HACMP/POWER HA, SAN, CROSSWORLDS, MQ, SIEBEL, VERITAS NETBACKUP, TSM, TSD, TEC, BAAN, ORACLE, DB2, WEBSPHERE, APACHE, TOMCAT, MULESOFT, REDIS, TSM, TWS, BMC CONTROL-M, ILMT, BES.VMSTAT, IOSTAT, SAR, VMTUNE, IOTUNE, ULIMIT BASH, BOURNE, KORN SHELL PERL, PHP, VMWARE, IBM CLOUD, AWS, IBM POWER. SERVICENOW, CHERWELL, WINDOWS, HMC, VIOS

PROFILE

I am a creative, versatile Infrastructure Engineer with a passion for the creation of secure computer systems. My drive is to create the systems and infrastructure to build and drive business solutions and results in the UNIX and LINUX space.

WORK EXPERIENCE

SR INFRASTRUCTURE ENGINEER (UNIX/LINUX)

Safelite | 2003 – February 2025

Provide leadership and overall vision relating to the development, implementation, and support of IT initiatives.

- Construct DEV, QA, and PROD environments for users, administrators, and application areas. Maintain such environments through their lifecycles. Perform large data center migrations on such environments and equipment.
- Review technology infrastructure proposing enhancements, implementing projects, and assessing results.
- Create DR plans and perform DR tests. Test DR hot sites yearly.
- Tested the AVANTE SVC/SVCCISCO for IBM prior to it going GA in 2003 with feedback that went into the GA release for SDD/SDDPCM.
- In KSH/BASH/BSH/PERL/PHY/PYTHON created scripts to migrate, implement, install, maintain, or keep in line multiple sets of solutions and products. Including CMDB creation for AIX and Linux, multiple DB creation and use, paging products, and other such tools.
- Manage ILMT for IBM Licensing. Manage all ORACLE licensing across UNIX.
- Built NAGIOS environment with 4500+ services monitoring 1000+ machines including AIX, LINUX, AS400/iSeries, Windows, and Mainframes. With RRDTOOLS I have implemented lpar2rrd tools to show statistics and capacity planning.
- Proficient with PKI tools, and keys/certificates. OpenSSL, OpenSSH, JKS, PGP/GPG.
- DR failover facilities for 2 failover sites. Including on-prem, colo, and IBM CLOUD locations. Active-Active, Active-Passive, Active-Failover. Technologies involved include Oracle Dataguard, rsync, mksysb's, cloud-init, and other forms.
- Built HA environments for multi-tiered applications in 2-3 level failover setups.
- Responsible for building both Linux and AIX master images used for NIM or VMWARE template operations.
- Maintained security for all systems. Linux all patched withing 30 days via automation shell script code that backs up, patches, and recovers systems. AIX via installation updates and applying FLRT patching.
- Built Linux AMI images and AIX images, and maintained HW/OS infrastructure for it in the AWS and IBM CLOUD.
- Passed 2 IBM audits and 2 Oracle audits with no issues.
- Created and worked on thousands of pages of documentation. Have worked on more than 400+ documents left to support my peers.
- Implemented HMC's, VIO's, LPAR's. Installed the equipment and built the required elements for DC use.
- Skills as listed are items I have or software platforms I have supported on a UNIX/LINUX level. Written scripts to start or stop, maintain, etc.

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EDUCATION

ENGLISH
Colorado State University
1994 – 1997

TRAINING

AIX 4.1 Basic Course Cert.
Systems Administrator I
Systems Administrator I
Systems Administrator I
Systems Administrator I
RS/6000 TCP/IP
Tivoli Framework
Tivoli Event Console
Tivoli Distributed Monitoring
Red Hat System Admin I

AWARDS

SHARK AWARD
Aon

SECURITY AMBASSADOR
Aon

INTERESTS

Reading
Swimming
Technical Video/Automation

WORK EXPERIENCE

PLATFORM SUPPORT ADMINISTRATOR
AON ISTS | 2000 - 2003
Design and layout of AIX based systems and support of applications to meet customer demands and expectations for reliability, performance, and stability.

- Work with AIX 3.2-5, maintaining OS and hardware for RS/6000 servers including SP2 frames and SP switch environments for Pre-installation Planning, Installation, Management, Backup/Recovery, Defining subsystems, Performance Monitoring and Capacity planning.
- TSM Administrator: Utilize ADSM/TSM v2-5.1 to perform backups, restores, archives and retrievals. Manage the TSM server, database, recovery log, storage pools, and client policies. Setup and maintain TSM for disaster recovery, onsite and offsite.
- Perform system administration and network duties including monitoring status of processes, completing backups, rebooting nodes, account maintenance, logical volume management, performance statistics and trend analysis. User of PERL and SHELL scripting to create monitors and applications where necessary to escalate and resolve issues before they become problems/incidents.
- Responsible for monitoring and fixing or reporting problems with disk space, Oracle DB's, Listeners, remote printing, background and foreground processing.
- Administrator for Tivoli (Framework, Enterprise Console, Service Desk, Storage Manager, Distributed monitoring), BMC Control-M, and other applications. Participate in actions to resolve problems.
- Architect and maintain items responsible for different levels of processing depending upon business needs to mainting machine scalability and rtrending performance for management and growth. Architecture mostly around Oracle requirement to maintain database and application integrity.
- Implemented AON backup/recovery systems and performed DR tests from these processes.

COMPUTER OPERATOR
CARE (CSC) - CAMBRIDGE INTEGRATED SERVICES | 1998 - 2000
Manage and care for systems operations, backups, and processes that perform millions of transactions for the State of Ohio's Bureau of Workers Compensation.

- Responsible for taking, checking, maintaining backups of multiple sets of systems.
- Responsible for watching systems and processing, and informing others immediately when items indicated they would evolve into issues. These machines supported the Ohio BWC, and could affect client payments.
- With SHELL and PERL worked on a full monitoring system for CSC/C to monitor the UNIX nodes.

COMPUTER LABORATORY SUPERVISOR
Colorado State University | 1994 - 1997
Managed a team of 15 assistants keeping public computer labs at the university operating at peak efficiency.

- Correct network problems, maintain lab operations, supply labs. Schedule personnel.
- Assist with Novell, DOS, Windows, and Macintosh/Apple systems and applications.