**James S Cochrane**

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https://www.linkedin.com/in/jacochrane/

*AIX Engineer with over twenty years of experience administering AIX, Red Hat, Solaris, and other UNIX and LINUX variants, over a decade of experience building and supporting high availability and disaster recovery solutions, and a decade of implementing and supporting storage arrays and storage area networks. Planned and executed multiple data center relocations involving servers and storage arrays. Experienced with operating within industry standards and best practices such as ITIL, SOX, PCI, etc…*

**TECHNICAL SKILLS**

* **OPERATING SYSTEMS:** IBM AIX 4/5/6/7.2 and VIOS/PowerVM, RedHat Enterprise Linux 6/7, Sun/Oracle Solaris 2.6-10, Hewlett-Packard HP-UX 9/10/11
* **SERVER HARDWARE:** IBM pSeries POWER 4/5/6/7/8/9, Sun UltraSPARC
* **STORAGE ARRAYS:** IBM DS4300/8100/SVC/XIV/V7000, NetApp 5200/5500, Kaminario K2, Pure, 3PAR
* **STORAGE SWITCHES:** Brocade 5300/6510/12000/48000/DCX, Cisco MDS 9509
* **APPLICATIONS:** Veritas/Symantec Storage Foundation, Volume Replicator, Global Cluster Manager, Netbackup, IBM HACMP/PowerHA, IBM PowerVM, Korn Shell (ksh)

**PROFESSIONAL EXPERIENCE**

**TekSystems**

**Knoxville, TN**

*Contract System Administrator at Covenant Healthcare February 2020 – March 2020 Contract System Administrator at the Tennessee Valley Authority May 2020 – June 2020*

* Configuration of PowerVM/VIOS virtualization software for networking and storage access on IBM Power9 hardware
* Migration of AIX servers from legacy hardware
* Fibre Channel Storage Area Network zoning
* IBM XIV and SVC Storage Management

**Blue Sky Resource Solutions**

**Atlanta, GA**

*Contract System Administrator at Community Loans of America September 2019 – October 2019*

* Configuration of PowerVM/VIOS virtualization software for networking and storage access on IBM Power9 hardware
* AIX LPAR provisioning and Operating System installation and configuration
* AIX security analysis and management
* Fibre Channel Storage Area Network zoning
* PURE Storage array administration
* IBM HACMP/PowerHA cluster installation and configuration

**Oscar Technology**

**Houston, TX**

*Contract System Administrator at Change Healthcare April 2018 – August 2019*

* Migration of AIX servers from legacy hardware, including application and operating system upgrades
* Upgrades of PowerVM/VIOS on Power8 and 9 servers
* AIX, HMC, and VIOS patch management
* Configuration of Hardware Management Consoles for remote sites
* Migrated from shared storage pools to NPIV storage to resolve performance and reliability issues
* Implemented tools for performance monitoring
* Documentation and training about the environment for support personnel
* Oracle/Sun Solaris server configuration
* HACMP/PowerHA cluster configuration
* IBM Live Partition Mobility implementation
* Wrote scripts to automate deployment and administration tasks

**APEX Systems**

**Atlanta, GA**

*Contract System Administrator at American Cancer Society June 2017 – April 2018*

* RedHat Kickstart server configuration
* HP-UX and Linux system administration
* Brocade fibre channel Storage Area Network zoning
* 3PAR Storage Array administration
* VMWare ESX management and upgrades

**Cobb Electrical Membership Cooperative**

**Marietta, GA**

*Senior AIX and Linux Administrator April 2016 – April 2017*

* Implemented IBM Live Partition Mobility on Power8 servers
* Planned and executed migration of the disaster recovery data center with no production downtime
* Migrated AIX host storage to IBM V7000 arrays with no production downtime
* Implemented LPAR2RRD, Brocade Network Advisor, and HP SiteScope for environment monitoring
* Recovered environment after failures of both primary and secondary storage arrays with minimal production downtime using the disaster recovery and business continuity plans I had written
* VMWare ESX storage management

**Ernst and Young/** **Five Point Partners, LLC**

**Atlanta, GA**

*Senior Consultant December 2009 – April 2016*

* Consultant at Cobb EMC and other clients
* Migrated 300T of storage from IBM XIV to Kaminario K2 storage arrays
* Consolidated IBM POWER server environment from eight POWER 5 through 7 servers to two POWER8 and one POWER6 servers, resulting in significant support and data center capacity savings
* Installation, configuration, deployment, and migration of existing IBM logical partitions (LPAR’s) to the new POWER8 servers in one month
* Designed, implemented, and regularly tested high availability, backup, and recovery processes