



Title: System Administrator
Reports To: Vice President Data Center Operations
Department: IT Infrastructure
Status: Exempt
Location: Cary, NC

Job Summary:

The System Administrator is responsible for ensuring effective daily operations of the IT environment through monitoring and maintaining all networks, systems and related infrastructure. The System Administrator has a contributing role in the development and design of PPI's IT infrastructure as we progress forward.

Duties and Responsibilities:

- Help monitor, manage and maintain our infrastructure to ensure 24/7 operations
- Assist in the deployment, documentation and maintenance a variety of different software systems for both external and internal customers
- Review peers' work for security and optimization shortcomings
- Investigate and troubleshoot complex production issues, manage issues in a defect management system
- Coordinate with various teams and external contacts to ensure project deadlines are met
- Available for on-call schedule

Knowledge, Skills and Abilities:

- Strong Knowledge of network topologies and protocols (Ethernet, Load-balancing, Redundant Networking, etc.) (TCP/IP, BGP, OSPF, VPN, HTTP, SSL, TLS)
- Knowledge of Oracle, MySQL, Apache/Tomcat or IBM WebSphere
- Solid understanding of **system** virtualization VMWare, ESX server. Microsoft Hyper visor
- Significant experience with storage protocols including NFS, FCP SAN and iSCSI
- Solid understanding of clustered configurations including Veritas Cluster Server
- Significant experience with PERL and shell scripting
- Understanding of disaster recovery implementations



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- A good understanding of information security concepts, control mechanisms, counter-measures and recovery methods
- Ability to lead technical discussions and projects in an organized manner
- Ability to drive problem resolution to root cause
- Ability to document strategies and designs and present to these ideas to management with cost/benefit analysis
- Must be able to manage time effectively and to deliver on commitments
- Strong interpersonal skills
- Strong communication skills, both written and verbal
- Must be able to operate well in a team environment and when under pressure

Credentials and Experience:

- 7+ years of **UNIX system** administration including at least 4 years of Red Hat Linux administration
- Significant experience sys logging, **UNIX** account management and file permissions
- Experience with Dell, IBM, HP and Sun hardware
- Experience with NetApp technologies
- Experience with Veritas Netbackup or other enterprise backup software and disk based backup technologies
- Significant experience managing systems that support mission critical business applications and Oracle databases

Special Requirements:

- Travel between Vancouver, Canada and Newark, CA facilities
- This position may require proof of a valid drivers license and insurance
- Valid passport

What We Offer Our Employees:

- The Opportunity to Work with a Great Team!
- The Chance to have an Impact and Make a Difference in Our Company
- The Opportunity to Work in a Competitive and Collaborative Environment
- A Highly Competitive Salary
- Medical (HMO & PPO), Dental, and Vision Insurance
- Life Insurance
- Paid Vacation Time
- 401(k) Retirement Plan