



Job Title:

- Senior Systems & Network Administrator

Job Description:

- Primary management of corporate and engineering Unix / Linux infrastructure
 - o System configuration and support
 - o System design and architecting
 - o Some Microsoft Windows server support specifically with relation to the Unix and networking infrastructure
- Primary management of corporate network infrastructure including corporate firewalls, routers and switches
- Assist in management and expansion of the corporate storage infrastructure
 - o Support of design and expansion of data archiving systems
 - o Support of backup infrastructure and execution
- Assist in support of corporate infrastructure servers such as email, calendaring, web, license, document management, etc.
 - o Includes support for business application servers used by the Corporate, Sales and Engineering departments
 - o Management of Unix computer server infrastructure including EDA tools and licensing, database servers, web, FTP and application servers, Subversion and other revision control systems, VOiP and PBX systems
- Work with management and other IT / PDF staff to build and implement security strategies that make business sense
- Serve as a project manager on key IT projects for internal initiatives and external customer deliverables
- Document FAQ's and IT information for both IT staff as well as user community
- Support of helpdesk for appropriate level requests
- Management and maintenance of corporate data center facility
 - o Consolidation and virtualization of data center systems
 - o Centralization of compute and storage components in remote offices

Competencies required:

Education Requirements: B.S. in Computer Science (preferred) or Information Technology (preferred) or B.S. in any Engineering or Physical Science Field

- Minimum 8-10 years system and networking administration experience in a complex heterogeneous (multiple Unix and Windows) environment working with Unix compute and database servers, file servers, firewalls and networking hardware
 - o Strong OS and application knowledge with
 - RedHat Linux, CentOS and Solaris
 - VMWare – ESXi
 - Databases such as MySQL, Oracle or Informix
 - o Strong hardware knowledge with
 - DELL PowerEdge servers and MD3000 / 1000 RAID storage arrays
 - Sun v-Series servers
 - NetApp FAS 3000 series file servers in clustered modes
- Senior level in Unix system administration including NIS, NFS, DNS, DHCP, and Samba
- Expert knowledge of Juniper and Checkpoint firewalls as well as Cisco routers and network hardware
 - o Strong knowledge of firewall central management applications preferably Juniper NSM
 - o Strong knowledge of site to site VPN's in a mesh environment
 - o Knowledge of NAC (Network Access Control) systems a plus
- Strong knowledge of Sendmail, email topologies and transport concepts
 - o Knowledge of relay functions, SPAM / antivirus filtering techniques, email archiving, LDAP concepts
- Strong knowledge of system and network monitoring systems such as Nagios, Big Brother, etc.
- Knowledge of Windows 2000-2003-2008 Server & Active Directory domains and configurations a plus
- Strong ability to program in any language or strong ability to create complex scripts in any Unix shell as well as ability to learn alternative structured scripting languages such as Perl, PHP, etc. Ability to build and support web based applications a plus including both local and SaaS model deployments.
- Demonstrated strong ability to multitask and prioritize with department and corporate goals in mind
- Demonstrated strong ability to think strategically and tactically while acting independently under management guidance

- Demonstrated very strong ability to identify tasks which require automation and automate them
- Work with minimal supervision and can multitask by juggling priorities set up by management
- Strong inter-personal and communication skills, team player able to provide technical leadership in IT group

Special working conditions: travel, etc.

- 1) May require periodic travel to remote satellite offices
- 2) Will require services on regularly scheduled weekend network /system maintenance work
- 3) Shared rotational on-call responsibilities

If you are interested in this position, please submit your resume to joblogic@pdf.com.