



## PERPETUAL TECHNOLOGIES, INC.

**Job Description:** Perpetual Technologies is looking for a Network Engineer to join our growing team. This person will be instrumental in working with the team to help develop and maintain the PTI network topology for PTI's hosting practice, interact and scope client technical requirements, interact with the sales team and attend new client meetings, set and apply best practices and standards for all networking requirements, PTI offices and client locations, and assist with client retention practices.

### Role Specifics:

- Monitoring, troubleshooting, diagnosing, and resolving network issues
- Travel to local Data Centers for installations
- Administration of routing and switching infrastructure
- Administration of Cisco firewall platforms
- Performing preventative maintenance on servers and network equipment
- Maintain log and configuration files of current equipment
- Assist in architecture design and quoting for supported network equipment
- Provide security recommendations for vulnerability and pen testing
- Conduct periodic scans to evaluate current security readiness
- Establish real-time state-of-art intrusion detection capabilities
- Assist primary network administrator and team in managing clients and workload
- Assist in quoting and maintaining maintenance contracts for network support

### Required and Preferred Skills:

- Experience within a Professional Services Hosting environment, preferred
- Understanding and experience with power and bandwidth monitoring
- Experience and knowledge of both Unix-based and Windows operating systems, preferred
- **Extensive knowledge of Cisco routers, switches, firewalls, IOS, BGP, Metro, and VLANs**
- Deep knowledge of ASA and PIX firewalls
- Network security analysis and monitoring
- Centralized SNMP management and retention
- SAN and NAS network knowledge including world wide names
- Remote replication technologies for SAN or server side devices or appliances
- Advanced networking architecture
- Remote IT support and network management
- A strong understanding of hardware technologies like fibre, RAID Controllers, redundancy
- Familiarity with general hosting and hardware best practices
- IP6, WPA2 enterprise, 802.11, SSL, domain management, public and private key management
- Scoping, building, quality checking, and racking new customer configurations
- Familiar with network carrier providers and SLAs

**Ancillary Skills:** Leadership/management skills, strong communication, previous consulting experience a plus.

**Certifications:** Bachelors degree in IS/IT or related field or 5-7 years equivalent work experience required.