**Linux Engineer**

**Job Description**

The candidate will be part of a team who maintains service 24/7/365 where the standard is that sites download fast and are always available for a network of 110 or more major media brand websites and associated systems. The candidate will be responsible for maintaining physical infrastructure and supporting software integration in all phases of the development and production cycle.

**Job Responsibilities**

• Designs and uses monitoring tools to proactively maintain hundreds of servers and network appliances.

• Backs up file systems and plans for disaster recovery

• Evaluates systems specifications, input/output processes and working parameters for hardware/software compatibility

• Designs and codes small applications to support infrastructure (customer monitoring scripts, system administration automation, admin CGI scripts)

• Troubleshoots networking, application, and operating system problems

• Responds to alerts or problems by following appropriate problem management procedures.

• Diagnoses and resolves moderate to complex technical problems in one or more operating system environments, network devices and multiple database environments.

• Works with other teams to assist in the implementation of moderate to complex system software changes and is able to perform some aspects of upgrade independently.

• Prepares system change management plans, writes technical documentation and procedures

• Maintains internal and customer access privileges and passwords.

• Other duties as assigned

**Qualifications**

• Web hosting environment, ISP systems administration

• Perl, shell or other system programming (moderate skills required, extensive preferred)

• Apache implementation, tuning and customization

• Solaris, HP-UX, Windows Server and Linux administration

• Netapp storage administration

• Experience with python/Django administration/architecture a plus

• Experience with virtualization (VMWare/Xen/KVM) a plus.

• Familiarity with supporting database servers (Oracle, MySQL, or, Postgres) in a high-availability high-performance clustered environment.

• Additional technology skills used include: DNS (bind), sendmail, java, firewall/system security, static routes, Netbackup/Amanda, SSL, SNMP, CVS/RCS/SVN/Git

• Excellent written and oral communications in a fast-paced environment.

• Requires direct interaction with customers to resolve end-user problems and complaints, as well as collaborating with software engineers, DBAs, and nontechnical teams. Candidate is required to have a high aptitude for explaining complex concepts in layman's terms.

• At least 5 years of experience in a web hosting environment preferred.