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Senior Network Engineer

Requisition ID	10954
Location	Sunnyvale, CA
	Burbank, CA
	Dallas, TX
Description	The Internet is a big, busy place, and we at Yahoo! are proud to stand out in the crowd. As the world's number one Internet brand, servicing over a half billion people, we're determined to maintain our commitment to delivering news, entertainment, information and fun… each and every day.

In order to maintain our position as one of the world's most trafficked Internet destinations, we're always on the lookout for people with big ideas and big talent to help us provide our visitors with the innovative products and services they've come to expect from Yahoo!. We're looking for people like you.

How Big Can You Think?

This hands-on role will undertake the daily operations of the production network, with a specific focus upon delivering high availability
(99.99+%) solutions. In particular, the successful candidate will have a strong passion around service availability, ensuring both the success of the ongoing operations, as well as meeting the demands of rigorous SLAs for customer requests.

The successful candidate will understand the rigors of operating a global, 24x7x365 large scale network, and be ready to respond to any issue at any time. This engineer will be involved in fault management and response, service and escalation management, and network implementation. The engineer will interface with other network primes; and be directly engaged in network planning, implementation, and security. The successful candidate will have primary ownership of meeting the defined service level agreements (SLA), as well as deliver upon SLAs required by different internal customers, such as the various Yahoo! properties. This person will be the primary interface of delivery to the customers, will be responsible for both the quality of the network, and fulfilling customer request with SLA without impact to the production network. This person will be passionate about providing high availability solutions to highly demanding customers. The candidate will also be engaged with direct vendor interaction in pursuit of high availability and stability goals. The ideal candidate will:

a. Job Title:
Network Engineer

Annotations (handwritten in red):
- "hands on" generally means non-exempt
- On call 24x7 is usually for technical issues - thus non-exempt
- Network planning could be exempt work, but it would need to take more than 50% of your time in order for you to not be entitled to overtime.
- Implementation is non-exempt
- Security is non-exempt.

Operating a network is non-exempt

The person who sets these policies is likely exempt, but simply talking to them does not make you exempt.

Enforcing established standards is non-exempt work.

This is clearly non-exempt work as it is routine network operations.

Developing policies if exempt work, but I doubt this job spend 50% of the time on this.

Generally, any "on-call" network position is going to be non-exempt. I have never heard of someone getting a call at 2am so they could set company policy for the network or negotiate a vendor contract

b. Job Description:

* Operate the Y! global production network, with a passion toward network availability and quality.

* Work with Network Engineering management to ensure proper escalation, communication, and management of network related events.

* Ensure successful adherence to network SLAs (Service Level Agreements) in regards to availability, network requests, and escalations.

* Monitor, respond, configure, audit, and operate the global Yahoo! production network at all layers (1-7)

* Develop scalable network designs, solutions, policies, and recommendations by working with the team of network engineers.

* Identify, research, evaluate and recommend network related tools and emerging network technologies.

* Support and lead implementation of growing network infrastructure.

* Participate in rotating "on call" schedule with other members of the team.

* Provide final-tier support for network related issues and events.

Requirements:

* 5+ years experience of recent operational hands on experience in high volume, high availability network technologies

* 4 year college degree (BA or BS) or equivalent (preferred).

* Ability to work independently

* Have experience in large ISP or Content Service Provider environments

* Excellent written and communication skills

* Willingness to be a team technical point of contact for both engineers and management

* Creative problem solving abilities

* Willingness to be oncall, and work nights and weekends as needed

* Able to handle multiple, complex, long term projects simultaneously

* Extensive operational experience with:

- enterprise/carrier-class routers and switches

- Juniper, Cisco, Force10

- large scale loadbalancing (DSR and inline SLB & GSLB) across multiple vendors

- Foundry, Netscaler, F5, Alteon

- Network security (ACLs, VPN, L2VPN, IPSEC, GRE)

- Cisco, Juniper, Netscreen

* Must have superior network routing protocol troubleshooting skills (BGP, OSPF, ISIS, MPLS).

* Excellent knowledge of STP, 802.1[q,s,w], 802.3ae, SONET, DWDM, HSRP,VRRP

* Strong familiarity with Unix especially in respect to networking

* Familiarity with developing tools in scripting e.g perl, shell, python, expect, etc. and programming e.g. C/C++ languages

* Successfully complete a "Level 2" background check.

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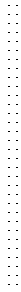
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