Alexander Korotich

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UNIX SYSTEMS ADMINISTRATOR.

SUMMARY:
- Result-oriented professional with over 6 year experience in Unix/Linux environment, Web/VPS hosting services, LAN/WAN networks design, deployment and support.
- Support, management and tuning popular DBMS.
- Expert knowledge in principals of working of popular network services and protocols.
- Work with monitoring systems for process control on the servers.
- Use programming and/or scripting languages to automate some processes on server.
- Ability to work independently and as part of a team.
- Excellent verbal and written communication skills (English, Russian, Ukrainian).
- H1B Sponsorship required.

FUNCTIONAL/TECHNICAL SKILLS:

Operating Systems:	Ubuntu, CentOS, FreeBSD, openSUSE, Fedora.
Virtualization:	QEMU (KVM), OpenVZ.
Databases:	MySQL, Postgres.
Scripting:	shell, perl.
Programming:	PHP, SQL, HTML.
Network monitoring:	SNMP, Radius, MRTG, Collectd, munin, Observium, Zabbix.
Protocols:	TCP/IP, DNS, FTP, TFTP, HTTP, HTTPS, IMAP, SMTP, POP, PPPoE, VPN, L2TP.
Name services:	bind.
Email:	Exim/Dovecot, Postfix.
Firewalls:	IPFW, PF, IPTABLES.

WORK EXPERIENCE:
10/2012 – Present   Systems administrator (outsource), LLC "TOP", Saint-Petersburg, Russia

Adapted MySQL server to huge-load environment.

Analyzed server's security and closed problem points used system firewall IPTABLES and other software solutions.

Organized VPS hosting services used with QEMU and OpenVZ technologies.

Secured MTA service based on Exim (SMTP, POP) and Dovecot (IMAP). Used basic methods of control of incoming and outcoming mail (black/whitelists, DKIM, SPF, dnsbl) and also of additional components like Spamassasin, graylists and so on.

Set up upgraded and supported hosting management panel BILLmanager (clients billing system), ISPmanager (hosting services management system).

Key achivements:
- Started Hosting infrastructure from scratch by myself.
- Prepared DBMS for monitoring and used in huge-load projects.
- Mechanized increment backup archivation processing used duplicity.
- Organized hosting services monitoring in base Collecd, munin and Observium.

07/2007 – 10/2012   Network/Systems administrator, LLC "Vektor-plus ICP", Lozovaya, Ukraine

Designed and supported corporate web-server with Apache + MySQL + Postfix + PureFTP.
Configured and supported VPN/PPPoE/L2TP connectivity services to Internet access for corporate customers and remote access to corporate network.
Administered and monitored inter-site connectivity for corporate network using MTRG and Zabbix.
Used forwarding and NAT to Internet access for corporate customers.
Serviced DBMS in base Postgres for tasks Zabbix monitoring system.
Created VLANs, L2 and L3 VPN services for corporate customers.
Controlled domain name server in base bind package.
Supervised backup and anti-virus software operation, software updates, patches and migrations.

Key achievements:
- Built startup ISP company infrastructure from scratch.
- Improved security work in LAN for ICP clients.
- Programmed in PHP/shell/perl languages to automate some of the back-end processes.
- Examined principles of working BGP and OSPF protocols and dynamic routing in base.

EDUCATION:
2012 BCS, Computer Engineering, Kharkov University of Radio Electronics, Ukraine.
2007 AS in Computer Engineering, Radio Technical College, Kharkov, Ukraine.

REFERENCES AVAILABLE UPON REQUEST