

COOPERATIVE COMMUNICATONS INTERNET POSTING FOR CARLOS ROJAS

Job Title: Asterisk/Linux Support Engineer

City: Belleville

State: New Jersey

Job Description:

1. Maintain installed Asterisk IP PBX services that are incorporated into VoIP systems, by performing the following professional electronics engineering services.
2. Update and program Asterisk IP PBX systems when necessary to ensure customers' continued access to VoIP systems, optimize VoIP performance applying knowledge of all Asterisk versions.
3. Architect the design of Asterisk-based services to provide important functions for company solutions (sms, vtiger integrations, Automatic Speech Recognition ASR).
4. Design specific configurations and modifications to the Asterisk server to meet individual project requirements in conjunction with application developers and prepare implementation plans and schedules.
5. Perform work using the Asterisk system, including source code, and new protocols from Asterisk and voip, PJSIP, SIP, IAX2, including the following functionalities: dial plan, queues, agents statics and dynamics, connections with databases, Mysql, MSsql; Asterisk integration, AMI, asterisk real time, AGI (php, perl, scripting, java.), and hardware integration with telecom cards and gateways as analog cards, PRI cards, gsm cards, gateways GSM, PRI); Asterisk gui, Thirdlane, freepbx, installation and customization for an specific application or new function.
6. Manage external applications that work with asterisk, including Flash Operator Panel 2, Vtiger, multiple dialers (gnudialer, ict broadcast), CDR reporter, Asternic Callcenter Manager, Queuemetrics.
7. Work with Multiple hardware platforms, servers, IP phones including (Polycom, Grandstream, Yealink), Asterisk cards (Digium, Sangoma).
8. Maintain Asterisk/Linux images and distributions, manage asterisk/linux images for installation and management of Linux Virtual Servers, (XEN, KVM), installation virtual machines, cloning virtual machines
9. Maintain customer backup/restore procedures; using full backups, incremental backups and differential backups under script tools, using rsync , ssh, cron jobs, execution of shell scripts on fore ground and back ground, Mondo Rescue for backups, Hearbeat, synchronization, network monitor tools.

10. Generate and apply patch files, for asterisk using the source code and patches for Linux bugs (Centos based).
11. Engage in compilation of packages from source code, installation of rpm packages, installation and compilation of the linux kernel (Centos).
12. Perform debug/backtrace work, Linux Administration & Security Database administration & integration Administration & integration of mysql tables, Asterisk PHP Perl C++ Webmin, Apache Web Server MySQL Database Server Protected Web Directories VSFTPD (FTP), TFTP server, NTP, SMTP (Postfix, Sendmail), DHCP, DNS SERVER(BIND), OPENNMS(MONITOR)
13. Provide key technical Asterisk/Linux guidance and programming services in the development of new telecommunications product offerings.

EDUCATION AND EXPERIENCE REQUIREMENT:

Requires a Bachelor's degree in Electronics Engineering or a Related Field and 1 year of experience in job offered or 1 year of experience in the Related Occupation. Must have Linux Certification and Asterisk Certification (DCAP).

RELATED OCCUPATION:

Asterisk Administrator or any other job title:

1. Maintaining installed Asterisk IP PBX services that are incorporated into VoIP systems, by performing the following professional electronics engineering services.
2. Updating and programming Asterisk IP PBX systems when necessary to ensure customers' continued access to VoIP systems, optimize VoIP performance applying knowledge of all Asterisk versions.
3. Designing specific configurations and modifications to the Asterisk server to meet individual project requirements in conjunction with application developers and prepare implementation plans and schedules.
4. Performing work using the Asterisk system, including source code, and new protocols from Asterisk and voip, PJSIP, SIP, IAX2, including the following functionalities: dial plan, queues, agents statics and dynamics, connections with databases, Mysql, Mssql; Asterisk integration, AMI, asterisk real time, AGI (php, perl, scripting, java.), and hardware integration with telecom cards and gateways as analog cards, PRI cards, gsm cards, gateways GSM, PRI); Asterisk gui, Thirdlane, freepbx, installation and customization for an specific application or new function.
5. Managing external applications that work with asterisk, including Flash Operator Panel 2, Vtiger, multiple dialers (gnudialer, ict broadcast), CDR reporter, Asternic Callcenter Manager, Queuemetrics.

6. Working with Multiple hardware platforms, servers, IP phones including (Polycom, Grandstream, Yealink), Asterisk cards (Digium, Sangoma).
7. Generating and applying patch files, for asterisk using the source code and patches for Linux bugs (Centos based).
8. Engaging in compilation of packages from source code, installation of rpm packages, installation and compilation of the linux kernel (Centos).
9. Performing debug/backtrace work, Linux Administration & Security Database administration & integration Administration & integration of mysql tables, Asterisk PHP Perl C++ Webmin, Apache Web Server MySQL Database Server Protected Web Directories VSFTPD (FTP), TFTP server, NTP, SMTP (Postfix, Sendmail), DHCP, DNS SERVER(BIND), OPENNMS(MONITOR)

JOB TIME: Full Time