

Network Engineer (Mexicali)



Job Title: Network Engineer

Department: Information Technology

FUNCTION:

Provides network and configuration management. Architect's upgrades/modifications to Gowan infrastructure, and other network installations. Support the full system engineering life cycle including requirements analysis, design, development, integration, testing, and implementation of solutions.

Candidate will provide Gowan infrastructure and systems engineering support relating to the day-to-day operations of fiber-based and copper-based networks; conduct site surveys; perform isolation troubleshooting, configuration control and testing; perform network performance analysis (ie. traffic load, connect time, transmission speeds, packet sizes, and throughput).

Candidate will ensure project schedules and performance requirements are met, may determine methods and procedures to be used on new assignments and may be responsible for the technical direction, leadership, and training of less experienced staff. Candidate will regularly interact with customers and/or functional peer group managers and may interact with senior management.

ESSENTIAL DUTIES & RESPONSIBILITIES:

1. Networking

- Acts as Team Member for the administration and maintenance of Gowan infrastructure as directed by IT Manager.
- Serves as Team Member for the administration and maintenance of Gowan WAN as directed by IT Manager.

2. Network Security

- Monitors and Maintains site security for Group of Companies
- Advanced knowledge of Microsoft Active Directory security and Group Policy's
- Advanced Knowledge of Cisco IOS and Firewall based Security
- Ability to react and shutdown security threats both internal & external
- Advanced knowledge of virus, malware and spamming technics related to corporate environments. Assist in monitoring and maintaining corporate antivirus and anti-spamming solutions.

3. Telephony

- Acts as Team Member for the administration and maintenance of the telephone system, including telephone switches.
- Oversees the creation and updating of phone and voicemail extensions and routing.
- Install and configure new functionality when needed.

4. Internal Systems

- Acts as Team Member for the administration and maintenance of computer stations and software for company training programs and provides additional support when necessary.
- Serves as a Team Member for troubleshooting, systems backups, archiving, and disaster recovery done by more junior engineers.

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- Performs complex troubleshooting, backup, archiving, and disaster recovery.
- Assists in the design, implementation and maintenance of systems, programs, hardware and software.

5. Asset Management

- Acts as Team Member for inventory management of software licenses, software, hardware, and other IT supplies.
- Acts as Team Member for the purchasing of software, hardware and other IT supplies as approved by management.
- Promotes responsible usage and care of Gowan's equipment.

6. Internal Operations

- Suggests areas for improvement in internal processes along with possible solutions.
- Trains other innovators through both formal and informal training programs.
- Mentors those with less experience through informal channels.
- Seeks and participates in development opportunities above and beyond training required by the company.
- Communicates effectively with internal clients to identify needs and evaluate alternative business solutions with company project management.
- Continually seeks opportunities to increase internal client satisfaction and deepen client relationships.
- Manages internal client expectations effectively.
- Assists in the facilitation of team meetings.
- Delivers informative, well-organized presentations.
- Understands how to communicate difficult/sensitive information tactfully.
- Generates enthusiasm among team members.
- Proactively seeks opportunities to serve in leadership roles.
- Challenges others to develop as leaders while serving as a role model.
- Manages the process of innovative change.
- Assist in maintaining backup power and resources for site.

REQUIRED KNOWLEDGE, SKILLS & ABILITIES:

- Bilingual – English (Fluent) / Spanish (Fluent)
- Voice & Data DSL/DS0/DS1/DS3/MPLS
- Video Conferencing (Polycom Group Series, WEBEX)
- PBX and SIP Trunking
- Microsoft Windows 7, Windows 8
- Microsoft Office applications
- Microsoft Active Directory
- Storage Area Networking (Fiber/ISCSI)
- Network Troubleshooting/Monitoring Tools
- Vendor Relations & Equipment purchasing
- Telecom Experience with negotiating with Carriers
- 5 Years Network Design and Implementation or greater.
- 5 Years Project Management Skills or greater
- Good Oral Skills
- Good Leadership skills

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- MDF/DATACENTER/IDF design & management including fire controls, UPS, Emergency Power

DESIRED QUALIFICATIONS & KNOWLEDGE:

- Bilingual : English & Spanish
- MCSE or Microsoft Equivalent experience
- CCVP or CCIE Voice Networking
- Cisco Call Manager 6.1 / Cisco Unity 5.x / SRST / CME ver. 4.x - 8.x
- Cisco 28xx / 29xx / 38xx IOS Routers T1/PRI/MGCP/H.323/SIP/IPIGW
- Cisco CAT 6500 / 4500 / 3700 / 3500 Switches
- Cisco GRE / IPSEC / SSL VPN
- Cisco IOS & PIX Network / Firewall / DMZ Security
- Adtran Configuration

ADDITIONAL DESIRED QUALIFICATIONS

- Computer, Printer, Storage, Server, Network Deployment
- MS Windows 7, MS Windows 8
- MS Office (Excel, PowerPoint, Outlook, Word)
- MS SharePoint, MS InfoPath
- Installation of Software and peripherals

PHYSICAL DEMANDS:

- Requires Travel
- Required to work after hours at times
- Lift 50 lbs.
- Include things such as location, time spent traveling, physical exertion required to perform this job should be listed here.