

Network Security Engineer Job Description

Position: Network Security Engineer
Reports To: Service Delivery Manager
FLSA Status: Exempt, Full Time with Benefits
Supervises: N/A

Summary: The Jacadis Network Security Engineer position is intended to perform and support the core components of Jacadis' services and product offerings.

The Jacadis Network Security Engineer will provide remediation support to Jacadis customers through the design, implementation and integration of network infrastructure and information security controls, assisting Jacadis Security Analysts with customer projects. The Jacadis Network Security Engineer will assist the Jacadis Service Design Manager with the design of network architecture, will configure and implement enterprise network architecture and supporting controls according to specification, and provide internal technical support.

- Essential Functions:**
1. Plan, schedule, and implement network upgrades, implementations, and migrations in a timely manner, and during times that will have the minimum impact on the users of the affected networks & systems.
 2. Be available, on-call, to rapidly troubleshoot any problems resulting from the changes.
 3. Monitor networks and make any necessary repairs utilizing available network tools before they cause network outages.
 4. Provides first-level support for all Jacadis implemented projects based on customer agreements. This may include LAN, WAN, wireless and remote networking issues.
 5. Monitor and maintain Firewalls, IPSec gateways and any other related equipment and services.
 6. Ensure that all implemented projects meet best practice security guidelines.
 7. Write technical reports that include suggested resolution for identified problem areas and perform operational risk assessment.
 8. Support sales team in the estimation of implementation project time and materials.
 9. Support company through the testing and evaluation of new technologies and security controls.
 10. Assist and support Jacadis Security Analysts as they perform vulnerability, network and network security assessments.
 11. Provide sales support by facilitating demonstrations of vendor partner products, reviewing and co-authoring statements of work, evaluation support for product demos.
 12. Provide vendor product support to clients as required in the vendor partner agreement.
 13. May require the performance of other essential functions depending upon work location or assignment.
- Required Knowledge:**
1. Knowledge and understanding of basic information security principles
 2. Knowledge of security best practice guidelines (ISO 17799, NIST, etc.)
 3. Relevant professional experience including working knowledge of the following technologies:

Network Security Engineer Job Description

- a. TCP/IP networking including IP classes, subnets, multicast, NAT
- b. WINS, DNS, and DHCP, Network troubleshooting
- c. Microsoft OS and Server technologies
- d. Remote access methods
- e. Backup and disaster recovery methodologies
- f. Patch management technologies and processes
- g. Wireless protocols and services
- h. Network analysis tools
- i. Familiarity with UNIX a plus

- Required Skills:**
- 1. Design and testing experience related to security.
 - 2. Experience with security issues in large scale networks.
 - 3. Hands on experience with firewalls, routers, bridges, switches and gateway devices, appliances and software.

- Required Abilities:**
- 1. Ability to grasp new technology concepts quickly and assist others in understanding them as well
 - 2. Senior-level documentation and project management skills
 - 3. Ability to work in a team environment and interact with people
 - 4. Strong verbal, communication and technical writing abilities
 - 5. Project management skills
 - 6. Possess strong leadership, coaching and mentoring skills
 - 7. Occasional travel, including air travel
 - 8. Ability to meet pressured deadlines and time constraints

- Education, Training and Experience:**
- 1. Bachelor's degree in information technology related field
 - 2. 5+ years information technology experience
 - 3. 3+ years computer and network security experience
 - 4. 3+ years experience managing client projects
 - 5. 3+ years information consulting experience
 - 6. CISSP certification preferred

Job Setting: The duties of this position will be performed at the Jacadis office in Hilliard and customer locations throughout metro Columbus and will require driving to a customer location. The candidate will be expected to work alone, around others, under minimal supervision and under deadlines.

Career Progression:
From: N/A
To: N/A