

JOB DESCRIPTION

Network Security Specialist

Responsible to: Operations Manager
 Immediate Subordinates: None
 Salary: £35,000 to £45,000 plus benefits

Overview

Based in the North-West, TNP are looking for an enthusiastic, high calibre Network Security Specialist to join our dynamic company.

A large proportion of TNP's customer-base is public sector, currently offering services to local authorities, health and education, including provision of centralised security, web filtering and general security advice. Therefore, a candidate with experience of working in, or for, the public sector would be advantageous.

You should have an avid interest in computer network security, a logical approach to problem solving, planning and good written and verbal communications skills. Detailed knowledge of TCP/IP, network security, unified threat management, communications media and networking equipment are essential.

As a Fortinet Platinum Partner, TNP would value candidates that have vast design and practical experience of Fortinet's security portfolio, especially the FortiGate UTM platform.

MAIN FUNCTION

To design, implement and support network security architecture at customer premises, and support the TNP Operations Team with any network security requests as a point of technical escalation.

Candidates must have a keen interest in computer network security coupled with an in-depth knowledge and working experience of security architecture including Firewalls, Unified Threat Management, Web Filtering, Email Security, Two Factor Authentication and VPN technology. You will also have skills in other relevant areas of networking such as LAN/WAN design, router/switch configuration and a general solid foundation of networking fundamentals.

SPECIAL CONDITIONS

The company's 24x7 support commitments may require participation in a rota based, on-call system that will result in call-outs outside of standard working hours.

A Disclosure and Barring Service (DBS) clearance is a condition of initial appointment and ongoing employment.

This post requires the ongoing possession of a full, valid driving licence.

CONTACTS

Name/organisation	Reason	Approximate Frequency
Operations Manager or nominated representative	Day to day management, directions & instructions	Daily
Operations Manager	Performance monitoring	Weekly
Operations Manager	Reviews	Quarterly
TNP Internal	Team work	Daily
TNP Operations Desk	To accept escalated faults and queries.	Daily

Customers & Partners	Design, Installation, audits, presentation of reports, fault investigation and rectification; liaison and problem solving,	Daily
Sales Team	Gathering of requirements and producing customer pre-sales designs and costings	Daily
Network providers & Hardware Vendors	Fault escalation and support	As Required

MAIN DUTIES

1. Design, implement and support network security architecture including firewalls, unified threat management, web filtering, web application firewall, email security, two factor authentication and VPN technology for TNP's customers both remotely and at their premises.
2. The preparation and presentation of security architecture design reports and technical implementation plans.
3. Remote and onsite security audits/health checks, including preparation and presentation of reports.
4. Advise and assist customers in gaining and maintaining accreditation for relevant compliance frameworks, including but not limited to, PSN Code of Connection, PCI-DSS, ISO27001 and Cyber Essentials. This may involve advising the customer as the compliance requirements change and/or providing recommendations and follow-up actions following an official audit or health check.
5. Working within customer requirements to design & deliver relevant projects within agreed timescales.
6. Undertake 3rd line support via email and telephone. Perform remote diagnostics, resolution and dispatch to an appropriate team member if appropriate.
7. Achieve and maintain relevant technical accreditations, as directed.
8. Attendance and reporting to appropriate internal and external meetings
9. Through TNP Operations desk or direct instruction, undertake 3rd line support at customer premises.
10. To work to appropriate service levels with defined quality of service metrics that will enable you to maintain and demonstrate high quality of service provision.
11. To maintain high levels of professional conduct, including but not limited to, cooperative engagement in tasks set, the exercising of initiative to suggest through line managers improvements to the service provided, and clear and professional styles of communication at all times.
12. To assist in the evaluation and testing of new technologies, as directed.
13. Day-to-day support of internal and external projects including liaison with other sites as necessary.
14. Provision of technical support for network and system faults, as directed, ensuring prompt rectification. This may require 24x7 call-out rota working.
15. Assistance, as directed, in the maintenance of network infrastructure owned or managed by TNP. This includes passive elements such as cabling and active elements such as switches, routers, firewalls etc, as directed, and associated tasks such as the configuration of user machines.
16. Such other duties appropriate to the grade as may be directed by the Board of TNP or by its nominated representatives.

Person Specification

Criteria	Essential / Desirable	Application form / Interview
Relevant professional-level qualifications in the field of network security. Preferably Fortinet NSE4/5/6 or equivalent.	Essential	Application Form
Commitment to achieving Fortinet NSE4, 5 and 6 within six months of appointment	Essential	Interview
Relevant professional-level qualifications in the field of networking (Cisco CCNA/CCNP, Juniper JNCIA/JNCIS/JNCIP)	Desirable	Application Form
Ability & willingness to undertake further relevant professional qualifications in the field of security & networking	Essential	Interview
Full UK Driving License	Essential	Application form
Detailed working knowledge of network security architecture and general TCP/IP networking and L2/L3 protocols	Essential	Application form / Interview
Experience of designing and implementing network security equipment installations and upgrades, fault finding & troubleshooting	Essential	Interview
Demonstrable experience of technical report writing	Essential	Interview
Demonstrable detailed knowledge of Enterprise Firewalls and at least three of the following security areas: Unified Threat Management, Web Filtering, Email Security, Two Factor Authentication, Site2Site IPSec VPN, customer/dialup VPN	Essential	Application form / Interview
Experience in configuration and deployment of Fortinet FortiGate platform	Essential	Interview
Detailed knowledge of the entire Fortinet product range	Desirable	Interview
Previous experience of working with the public sector (directly or as a consultant)	Desirable	Application Form
Knowledge of relevant security compliance frameworks, such as PSN Code of Connection, PCI-DSS, ISO27001, IG Toolkit and Cyber Essentials	Desirable	Interview
Knowledge of xDSL technologies and LLU	Desirable	Interview
Knowledge of fibre technologies (CWDM/ DWDM)	Desirable	Interview
Knowledge of Microwave networking technologies	Desirable	Interview
Excellent communication skills, both written and verbal coupled with an ability to maintain confidentiality.	Essential	Application form / Interview

Enthusiasm and a demonstrated capability for problem solving, with an ability to identify, prioritise and focus on key issues.	Essential	Application form / Interview
Ability to work both independently and as part of a team, with no day-to-day supervision. Commitment to approaching tasks with flexibility, proactivity and completion to a high quality of workmanship.	Essential	Application form / Interview
A flexible approach to areas of work which will include participation in an out-of-hours on-call rota as well as occasional work outside of standard office hours.	Essential	Interview
Commitment to undergo further training through operational requirements and personal development	Essential	Interview