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**SUMMARY:**

**Security Clearance currently held with Sopra Steria. Can provide details for transfer on request.**

• Securing Networks using NGFW firewall appliances

• Network Troubleshooting and resolution

• Maintenance and configuration of Cisco Routers and Switches

• Excellent practical working knowledge of routing and switching

• ASA, Palo Alto next generation appliance

• Cisco Firepower, AMP security solutions

• Excellent Documentation and Network audit skills

• ACI Cisco application centric infrastructure

• AWS cloud design and administration.

**EDUCATION:** **Dip Business Computing 2002**

Massey University, Wellington, New Zealand

**Juniper Certified Network Associate JNCIA**

**CCNA Current – December 2016**

**CCNP (Expired July2013)**

Optimizing Networking Technologies 642.845

Building Cisco Scalable Internetworks 642.901

Implementing Secure Wide Area Networks 642.825

Building Cisco Multilayer switched Networks 642.812

**ISO 9001 Internal Auditors Certificate**

Internal Auditors course.

# Fortinet Certified Networking Security Professional FCNSP

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**Experience:**

**Network Security Analyst (Contractor)– William Hill plc – November 2017 - Present**

Contract engineer working on a Lan refresh rollout across DC’s and office’s also BAU work within the Network Security operations team. Mainly Cisco ASA FTD with Cisco switches. Some network automation using ACI, JSON and ansible. AWS administration.

Projects:

Firepower 2110 for install for DC and European offices – migration form chassis-based Firewall on 6500 to a new FTD pair.

LAN refresh from 6500 to 4500X cross main WH sites. Replacing old gen switches to new dot1x 3650 across WH estate. I was the lead engineer for this project.

BAU: Security engineer working on firewall requests etc. IPSEC SSL policies etc

**Network Security Engineer – DLA Piper LLP (Contractor) February – November 17**

Working in the Information security team implementing a Firepower Solution in the firm’s 5 main data centers around the world.

Branch segmentation using ASA 5516x and Software Based Firepower Sensors in a multi context firewall design. MPLS Sites needing segmentation after Ransomware hit.

DC Segmentation using 4110 FXOS and Firepower Threat Defense technologies

Policy design by the way of logging traffic to Splunk and defining a rule set based on traffic patterns.

Implementation of Cisco Firepower Management center 2100 appliance to manage logical devices.

Implementing and hardening Paloalto firewalls in accordance with the firm’s information security policy.

Redesign and segmenting the Main DC networks to filter and scan traffic into the DC from the MPLS and stop lateral attacks. Virtualized the Palo alto firewalls on Esxi hosts to filter traffic between virtual servers.

Cisco switch and router configuration. Using 3850’s in various configurations, Stacking etc.

Cisco AMP and AMP for endpoints implementation.

**Senior Network Engineer – Sopra Steria**

**June 2016 – February 2017**

Working as a project Engineer for a Government department representing Sopra Steria.

**Projects:**

SSL and IPSEC always on VPN using IKEv2 and certificate based authentication and LDAP with +500 iPhones issued to workers, using ASA 5555 as a VPN headend.

Migrating from RSA token based AnyConnect VPN's to certificate based Authentication on workers laptops using machine certificates via AD group policies.

Cisco Wan optimization rollout using Cisco WAE.

LAN/WAN troubleshooting and dealing with outages in main site and remote sites.

Meraki switch LAN refresh using lead engineer.

Day to Day running of customer managed networks Firewalls and Lan hardware.

**Senior Network Engineer / B2B Team Manager– TalkTalk Business PLC**

**July 2012 – May 2016**

**Whilst at Talktalk I moved from IP NOC Engineer, Senior network engineer, last role at Talktalk technology was B2B team manager.**

• Day to day management of a team of 18 Commissioning network engineers

• Design and implementation of enterprise client solutions

• Managing client’s data requirements and designing the most efficient solution

• Managing the Projects technical Requirements and working out the best method and technologies to use.

• Managing the Clients documentations and writing design proposals for sign off

• All aspects of the technical implementation of the solution

My Role is a multi-skilled Network engineer that requires a technical leadership quality. Some of the clients we deal with are high spend and demanding timely and efficient solutions to escalations and delivery. I am required to organize conference calls with at times many stakeholders and be able to offer advice and solutions to questions from the Client immediately. The SNE is an escalation point to other Technical teams involved in the TTB.

Solutions based around: **Cisco ASA, Sonicwall, MPLS, VRF, Cisco CPE and Switches, all wan TTB products. EAD,EFM, and Fiber to the cabinet**.

**LQM – Internal Auditor**

I am the teams internal audit manager responsible for the CNE’s management system, training team members and ensuring our team’s processes are all adhered to and up to date.

**B2B IP Engineer**

Part of a team involved with the operational and project activities within the B2B Team. Responsible for all faults and operational issues and made sure they are resolved effectively and efficiently. The Installation, commissioning and faulting on IP equipment for B2B customers on all TalkTalk Technology networks.

The team Supports network changes or upgrades ensuring that they are implemented with minimal interruption to the end customer.

Coordinated the pro-active analysis of network components to ensure that all network performance objectives and targets are met

Liaised with external suppliers to ensure timely delivery of network upgrades and enhancements

Provided technical support to other departments within TTT/TTB

Ensure that all faults are investigated and resolved within agreed SLA’s.

Technologies used: EFM, EAD, ISDN,FTTC. Redback and Juniper, Cisco Switches, Huawei MSAN.

**IP Engineer NOC**

IP engineer in Talktalk 24/7 Network operations center. Managing and troubleshooting incidents across the TT estate to resolution. Engaging with external suppliers and escalating Faults to Resolution. I dealt with escalations internal and external owning fault to closure.

In this Role I was exposed to all areas of networking practices for a large Telco Network across the UK. DSL, EAD, EFM, Routing protocols. The role involved Layer 2 and 3 network troubleshooting using Juniper, Redback, Huawei, Cisco.

**Senior Managed Networks Engineer**

**Feb 2008 – July 2012 Zen Internet Ltd**

* Designing and Building Customer network solutions
* Diagnosing circuit and hardware, DSL, leased line faults
* Liaising with customers to accurately complete configuration requirements before design and build
* Build and test new managed hardware devices; Cisco, Fortigate,
* Installation of managed hardware devices
* Managing all change and support issues remotely within the Service Level Agreement.
* Support Queue Management

**IT Contractor – September 2007 – December -4 month Contract**

**Haka Tours UK ltd**

• General IT support and Design of Office IT equipment, installs etc

• Evaluation and procurement of new IT Equipment

• Created Documentation and Training for Tour leaders and UK staff

**Network Analyst, November 2005 to Aug 2007 – Contractor**

**Manchester Metropolitan University, Manchester**

• Cisco Switch and Router maintenance

• Configuration of networking hardware

• Wireless access point Design and deployment

• Designed and installed test network for vendor evaluation of new equipment

• Administration of User accounts

• Monitoring internal and external systems for issues, and resolving or escalating internally or externally as appropriate

**Helpdesk Support May 2005 to Nov 2005 - Contractor**

# Corporate Technology, Manchester City Council,

• User Support and for large multi-site corporate network

• Active Directory, Lotus Notes, Win 2K XP

**REFERENCES:**

Zen Internet LTD – HR Dept.

TalkTalk – HR Dept

**INTERESTS:** Wingsuit flying, Snowboarding, Microlights.

**LICENCES HELD**

CAA National Private Pilot’s license

Federation Aeronautique International skydive License