

Giles Coochey

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Nationality	British (English)
Languages	English, basic Spanish
Date Of Birth	29 th September 1972

Summary:

Thirteen years of general technical and managerial experience in diverse commercial IT environments, particularly eleven years of experience with technical management of Cisco equipment including firewalls, routers & switches as well as load balancers in production high availability environments.

Broadband Gibraltar Ltd / Sapphire Networks <http://www.sapphire.gi>

Senior Technician, Engineering Group, February 2007 - Present

Sapphire is an ISP based in Gibraltar and is a licensed telecommunications operator in Spain and Gibraltar. I joined Sapphire to lead the WiMAX deployment there, assist with the setup of the first international SDH circuits from Gibraltar to Madrid, and to perform several improvements to their infrastructure design. I have brought a lot of insight into what changes were necessary as I had been both a customer of Sapphire and their competition, Gibtelecom, while at Carmen Media. I now believe that we have a superior infrastructure design to Gibtelecom's (Enjoying 100% uptime since inception of the new infrastructure in March 2007) and I am participating in various projects to continue to improve and develop their network, including the implementation of a Nagios network monitoring system together with the ability to receive SNMP traps from various devices on the network. I have also been involved in extending our Cacti Network Graphing system with Holt-Winters forecasting algorithms, which will assist the NOC in detecting and identifying DDoS attacks.

Carmen Media Group Ltd <http://www.carmenmedia.com>

Network Administrator, April 2006 – February 2007

I was appointed by Carmen Media to administer and manage their network operations at their existing data centre and office networks in Gibraltar as well as set up and manage a data centre network infrastructure at a co-location site in Telehouse (Docklands), London. Carmen Media run a number of sports book and online gaming casino websites. In that short time I have also installed systems to give them monitoring and accounting of their network usage, identifying the pressure points with regard to bandwidth and help to normalize the hardware specifications according to their requirements.

Siemens Molecular Imaging Ltd <http://www.medical.siemens.com>

Senior Systems Administrator, October 2002 – April 2006

I joined Mirada when it was a small company of around 25 employees. Their business is within the development of Medical Imaging and Visualisation software, which is mostly sold to the US market. Due to the stringent controls required by the FDA I was responsible for ensuring that their IT infrastructure, processes and procedures evolved in a way to satisfy the requirements of the FDA. Major Milestones during this time included ISO9001 certification, due diligence activities as the company was bought by CTI Molecular in August 2003 and subsequently by Siemens Medical in May 2005. Mirada now operates as the Advanced Applications department within the Molecular Imaging division of Siemens Medical and employs 70 employees mostly postgraduates from the Oxford University Medical Imaging Laboratory.

From a small start-up with a single non-redundant server infrastructure we now operate a much larger managed local infrastructure within an organisation that employs over 400,000 staff.

Vignette Corporation <http://www.vignette.com>

Senior IS Administrator, March 2000 – July 2002

Vignette employed me to join a team with the aim of implementing and administering IT services in its EMEA region. At the time I joined there were a total of 100 employees in Europe and this grew over the next year to almost 600 in Europe and 2000 globally. I started as a senior member in a team of two in the IT department and grew the team to a total of 6 across two sites (Maidenhead and Hamburg).

I set up and maintained their Local and Wide Area Networks, which included new office installations in Hamburg & Madrid as well as ten other serviced locations. This involved appraising user requirements at each location, considering various solutions and implementing the best solution available such as ISDN, Frame Relay, Leased Line, IPSEC and site-to-site Wireless solutions, all the network solutions I implemented were with Cisco equipment. Success in this area led to being invited to assist with their HQ relocation in Austin, Texas in 2001.

Having a large number of remote web developer staff it became apparent that many systems on the network were vulnerable to attack. This was confirmed when we had instances of the Code Red and Nimda worm originating from QA testing systems in the US attempting to infect systems in EMEA. Thankfully we detected these quite early on, and working with the US IT team we were able to contain and eventually mitigate the outbreaks. I subsequently set up and tuned a network intrusion detection system with sensors in the USA, Hamburg and the UK designed to alert us of future outbreaks within our network.

I also installed a management console to roll out Critical Security updates to Windows 2000 systems automatically and we implemented an enterprise Anti-Virus update system and scheduled vulnerability testing across our network.

International Masters Publishers Ltd. <http://www.imponline.com>

Network Support Analyst, December 1997 – July 1999

My work mainly consisted in assisting with the migration of the existing token-ring network to a Cisco based switched Fast-Ethernet network. I played a key role in the configuration of Cisco Catalyst 5500s and Cisco routers. I also installed and configured the PIX firewall and Internet router to allow client Internet access. I spent some time on projects that were required to standardise all our network systems on TCP/IP. This involved researching products that would replace proprietary systems and protocols with TCP/IP enabled ones. I was quickly recognised as the Cisco expert on a global scale in the company and travelled to Munich to assist our branch-office with their office move. This involved configuring their new Cisco switches and routers as well as their PIX firewall. I originally joined IMP as PC Support Analyst, but it was found that my network skills were most in demand and hence I placed emphasis on improving their network infrastructure, which eventually resulted in my promotion to Network Administrator. I also undertook Visual Basic programming projects, which included an application to transfer customer credit-card payments cross-platform from NT workstations to an IBM Mainframe in Sweden.

Network Administrator, July 1999 – March 2000

With the success of other projects IMP redefined my position as Network Administrator for the UK offices. My work involved changes to our network infrastructure including the setting up of various data links via BT-Kilostream leased line services and ISDN circuits as well as some incoming VPN connections across our PIX firewall. It was also my responsibility to ensure that all our DHCP, DNS, WINS, File & Print, VLAN and Mail services were functioning correctly. When there was a failure it was my responsibility to troubleshoot and resolve the issue.

KYE Systems UK Ltd <http://www.kye.co.uk>

Technical Support Engineer, February 1995 – December 1997

In this role I was responsible for providing the technical support for the entire UK market of this Taiwanese manufacturer of PC peripherals. Most of the work was with their network range of products and hence I was required to be able to support all PC Network Operating Systems. I gained an all round knowledge and received many commendations from customers and end-users for my troubleshooting skills. I put a strong emphasis on liaising with colleagues at other subsidiaries abroad and believe I was

a strong influence in improving the communications within the company on a global scale. I was even invited to Taipei to meet and discuss issues with some of their products with their Research & Development department in 1997.

Skills Summary

- Network Skills
 - Cisco ASA / PIX Firewall including set up of IPSEC LAN-LAN tunnels.
 - Cisco IOS Router software Configuration (To 7300 series)
 - Cisco Catalyst Switch Configuration (To 6500 series)
 - Zhone MALC (DSLam)
 - Alvarion BreezeMAX (WiMAX)
 - Some Nortel Passport MSS15000 Configuration
 - Load Balancers (F5 BIG-IP LTM & GTM)
 - Network Management Software
 - Nagios, HP Openview NNM, Ciscoworks 2000, OpenNMS
 - Netflow Applications: Netflow Tracker, nfdump, nfsen, flowtools
 - What's Up Gold
 - MRTG, RRDTOOL, SNMP
 - TACACS+, RADIUS installations
 - Remote syslog (UNIX)
 - Network Intrusion Prevention / Detection Systems & Vulnerability Testing
 - TopLayer, Reflex, Snort (UNIX)
 - ACID (Analysis Console for Intrusion detection), BASE
 - Demarc Puresecure
 - Nessus
 - RIP, EIGRP, BGP – some OSPF.
 - Good knowledge of TCP/IP protocols.
 - Wireless Systems: Wifi, WiMAX implementations.
- Operating Systems
 - Windows Server & Workstation (NT, 2000, 2003, XP)
 - Linux (Gentoo, CentOS, Redhat)
 - General UNIX skills (Sun Solaris, some SCO & BSD)
- General Software
 - Microsoft Terminal Services
 - Microsoft SQL Server setup & basic management
 - Microsoft Project Server setup
 - Microsoft Active Directory / Exchange
 - Microsoft ISA Server, IAS etc...
 - PostgreSQL, MySQL
 - Apache Webserver, Tomcat Application Server
 - Setup of various developer tools including CVS, ViewCVS, CVSmonitor, JIRA Issue management system
 - Sendmail / Gateway Anti-Spam / Anti-Virus solutions

I have a wide skill set and cannot possibly name every single application with which I have worked with. You will also find that if there is something I don't have experience in then I am quick to pick up the fundamentals and will soon be utilising their full potential.

Qualifications:

SUBJECT	YEAR	LEVEL	GRADE
Additional Mathematics	1989	GCSE	A
Chemistry	1989	GCSE	A
English Language	1989	GCSE	C
English Literature	1989	GCSE	C
French	1989	GCSE	A
Geography	1989	GCSE	B
German	1989	GCSE	A
History	1989	GCSE	A
Mathematics	1988	GCSE	A
Physics	1989	GCSE	B
Chemistry	1991	A-Level	D
Further Mathematics	1991	A-Level	B
Mathematics	1990	A-Level	A
Physics	1991	A-Level	C
Cisco CRLS	1999	CCNA	Pass
Cisco CLSC	2000	CCNP	Pass

Rated 6th out of 39 entries in the HoneyNet Project's "Scan of the Month" challenge.
<http://project.honeynet.org/scans/scan28/> (May 2003)

Cisco's CCNA expires after 3 years. I have not re-certified although my Cisco and Networking skills are comparable to a CCNP.

References:

Available on request