

Greg Cottin-Rack

1221 Havenhill Way
Stockton, California
95209-1408

ph: (209) 401-6820
email: greg@cottin-rack.com

SENIOR SECURITY NETWORK ENGINEER

TRILINGUAL: ENGLISH, FRENCH, SPANISH
CERTIFIED: Cisco Certified Security Professional
CERTIFIED: Checkpoint Certified Security Expert Plus
CERTIFIED: NSA/CNSS Certified INFOSEC Professional
CERTIFIED: CompTIA Security+, Network+

CRITICAL SENSITIVE SECURITY CLEARANCE

TECHNICAL SUMMARY

Hardware:

Cisco Routers: 2500, 2600, 4700, 7100, 7200, 7500, AS5300, MSFC, MSFC-2, Sup720
Cisco Switches: 2950, 3500, 3550, 3750, 4700, 5500, 6500
Cisco Aeronet, Cisco 350 Wireless NICs
Cisco IDS: 4210, IDSM-1, IDSM-2
Cisco Network Analysis Manager 1 & 2
Cisco Content Switches: 11051, 11506, Content Switch Modules
Cisco Content Engines: 507
Cisco VPN 3005, 3030
Cisco PIX 501
NetScout nGenius Probes
WildPackets Omni Wireless Sensor
RSA SecureID
Juniper DX 3280
Juniper IVE SA-4000 (FIPS)
ISS Proventia: A604, GX5008
Nokia Firewalls: 130, 380, 740, 2255
HP IP KVM Switch
Raritan IP KVM Switch

Software:

OS:

Cisco IOS, CatOS, ACNS (Application and Content

Networking System Software), WebNS Application
Networking Software
Nokia IPSO
Microsoft: Windows 2000 Server/Pro, Windows XP Pro

Applications:

Cisco: CiscoWorks RME, Cisco Security Agent, Cisco Intrusion Detection System, Access Control Server, VPN Client
Juniper: Host Checker, Network Connect
Microsoft: Visio, Office 2003/XP/2000, Front Page 2000/XP
Network Monitoring Tools: Ethereal, WildPackets, SolarWinds Engineer's Toolset, HP OpenView
Network Vulnerability Scanners: RealSecure ISS, E-Retina
HP (Opware) Network Automation System
Kiwi syslog
SecureCRT, F-Secure, Hummingbird
Checkpoint SmartConsole
Websense Enterprise
Remedy

Services:

DHCP, VLAN, OSPF, ACLs, HSRP, VRRP,

RELEVANT TRAINING

- Aug 2006 Opware NAS Fundamentals + Administration
- Mar 2006 Securing Cisco Network Devices v2.0 Beta Class
- Aug 2005 CheckPoint NG_AI Management III
- Aug 2005 CheckPoint NG_AI Management I & II
- May 2004 Securing Hosts Using Cisco Security Agent v1.0
- Mar 2004 Cisco Certified Security Professional Module II
- Mar 2004 Cisco Certified Security Professional Module I
- Aug 2000 MS Exchange SVR 5.5 Accelerated Training for Administration & implementation (1313)
- Mar 2000 Installing and Configuring MS Windows 2000 File, Print & Web Servers (1594)
- Feb 2000 Network +
- Nov 1999 Windows 98 Administration
- Oct 1999 Supporting MS Internet Information Server 4.0 (936)
- Sep 1999 Supporting Windows NT 4.0 Enterprise Technologies (689)

- Sep 1999 Internetworking TCP/IP with Windows NT 4.0 (688)
- Aug 1999 Supporting MS Windows NT 4.0 Core Technologies (922)
- Jul 1999 Administering Windows NT 4.0 (803)
- Jul 1999 Networking Essentials (578)
- Jun 1999 Computer Repair Technician Program

TECHNICAL CERTIFICATION EXAMS PASSED

- Nov 2007 Cisco Lifecycle Services Express (646-392)
- Nov 2007 CompTIA Security+ (2007 Edition) Exam (SY0-101)
- Mar 2007 Securing Cisco Network Devices (642-552)
- Aug 2005 Check Point Certified Security Expert Plus NG, Management III (156-510.4)
- Aug 2005 Check Point Certified Security Expert NG, Management II (156-310.4)
- Aug 2005 Check Point Certified Security Administrator NG, Management I (156-210.4)
- Mar 2004 Cisco Secure Intrusion Detection Systems (642-531)
- Mar 2004 Cisco Secure Virtual Private Networks (642-511)
- Mar 2004 Cisco SAFE Implementation Exam (642-541)
- Mar 2004 Cisco Secure PIX Firewall Advanced (642-521)
- Mar 2004 Securing Cisco IOS Networks (642-501)
- Jul 2002 Installing, Configuring and Administering MS Windows 2000 Server (072-215)
- Mar 2002 Installing, Configuring and Administering MS Windows 2000 Professional (070-210)
- Aug 2001 Cisco Certified Network Associate
- Oct 2000 Implementing and supporting Microsoft internet Information Server 4.0 (070-087)
- Oct 2000 Internetworking with Microsoft TCP/IP on Microsoft Windows NT 4.0 (070-059)
- Feb 2000 Network + (CompTIA)
- Jan 2000 Implementing and Supporting NT Server 4.0 in the Enterprise (070-068)
- Aug 1999 Networking Essentials (070-058)
- Aug 1999 Implementing and Supporting NT Server 4.0 (070-067)
- Aug 1999 Implementing and Supporting NT 4.0 Workstation (070-073)
- Jul 1999 A + (CompTIA)

PROFESSIONAL EXPERIENCE

Digital Controls Corporation
Senior Network Engineer / Team Leader

Tracy, California
 December 2002 – present

- Responsible for network security, involving validating that Access Control Lists, firewall rules, switch port configurations/port security and router configurations conform to the Department of Defense Joint Task Force Global Network Operations (JTF-GNO) and the Computer Emergency Response Team (CERT) information assurance requirements.
- Established complete firewall redundancy utilizing Nokia VRRP with Checkpoint NG and NGX.
- Created and implemented a unique and effective design for router redundancy across our WAN link utilizing GRE tunnels and Cisco HSRP.
- Effected AAA redundancy across the WAN employing Cisco Access Control Server (ACS) servers.
- Implemented the use of one time passwords with full authentication, authorization and accounting access to network devices utilizing Cisco ACS and RSA SecureID appliances.
- Strengthened and maintained the Cisco Intrusion Detection/Prevention Systems and Cisco Security Agent Desktop IPS systems.
- Administered and fortified Cisco VPN Concentrator configurations for site to site and remote access.
- Enforced policy compliance with customized Event Notification & Response Rules using HP's (Opware) Network Automation System.
- Surmounted a language barrier utilizing proficiency in French to resolve a problem with foreign customers.
- Regularly updated documentation and Visio diagrams of a complex dynamic network.

- Supervised project for a complete Network Refresh including replacing the entire cable plant, upgrading firewall, router, and switching hardware and implementing new content services devices.
- Applied proficient understanding of a variety of network monitoring and management tools to expedite troubleshooting and resolution of system and network issues.
- Researched new technologies and security solutions and determined the appropriateness and benefits derived as it applied to our infrastructure.
- Supervised and trained team members.

Antonelli College
Network Administrator

Cincinnati, Ohio
 May 2002-December 2002

- Administered Windows NT 4.0 domains for the College Administrative Offices and the Interior Design Department.
- Administered Windows 2000 Active Directory (AD) Domain for the Business Office Technology (BOT) and Academic departments.
- Redesigned AD for BOT Department, resulting in correction of a faulty installation into a fully functioning Active Directory Domain.
- Maintained and administered 3 student labs consisting of over 45 Windows 2000 and Windows 98 workstations.
- Oversaw/advised LAN upgrade during remodeling projects.

Business Office Technology Instructor

May 2002-December 2002

- Assisted and advised in the redesign of Network Administration Curriculum of the BOT Department.
- Redesigned and taught Network Administration course focusing on the Network + Certification.
- Taught a wide range of computer related classes including: Introduction to PC, Internet, HTML and advanced Networking.

International Family Resource Center
Volunteer

Cincinnati, Ohio
 May 2002-Sep 2002

- Taught mixed level English as a Second Language (ESL) phonics classes to over 15 adult and young adult students of various nationalities.
- Substitute taught ESL classes varying from basic to advanced levels.

Standard Textile Co., Inc.
Network Administrator

Cincinnati, Ohio
 June 2000-Dec 2001

- Provided technical support for over 15 servers, including Exchange 5.5, FaxSr, Novell, Windows NT 4.0 and 2000 servers.
- Responsible for LAN/WAN administration, including wiring and Cisco routers, Ethernet switches, and PIX firewall.
- Initiated and designed the conversion from a mixed Novell/Windows environment to a pure Windows environment.
- Transferred 300 users, over 30 groups and 43 printers from Novell to Windows 2000.

PC Network Specialist

Jan 2000-June 2000

- Planned transfer of file and print server from Novell 4.1 to Windows 2000 in order to increase network efficiency and introduce cutting-edge technology.
- Researched, evaluated and recommended purchasing laptops valuing \$240,000.
- Planned and implemented deployment of Windows 2000 operating system impacting 80 client users in locations across the country.

Computer Support Specialist

Aug 1999-Jan 2000

- Promoted from entry-level help desk position to Network Administrator in less than one year.
- Administered Exchange 5.5 for nearly 500 users and two sites.
- Instrumental in improving the image of the Help Desk as responsive and customer focused.
- Assisted IT team to install and troubleshoot PIX Firewall and DHCP server.
- Assessed and resolved network problems on NT, Novell, and AS/400 network environments for over 300 Windows 95 and Windows 98 clients.

Purcell Marian High School

Spanish Teacher

Cincinnati, Ohio
June 1997-Aug 1999

- Assisted faculty and staff with Internet, Windows application, troubleshooting and hardware issues.
- Coordinated design and development of school's first professional web page.
- Designed and created the language department's web page.
- Introduced technology into language classrooms using Power Point, Excel and Word.
- Taught first three years of general Spanish.
- Organized annual Peace Corps Day involving over 700 students.
- Edited Spanish Department's Survival Booklet, distributed to over 300 students.

Sylvan Learning Center

Instructor

Cincinnati, Ohio
Oct 1996-June 1997

- Provided individual instruction for 3rd through 12th grade Math and Spanish students.

United States Peace Corps

Secondary Mathematics Teacher

Benin, West Africa
June 1994-July 1996

- Developed and delivered secondary math lesson plans taught in the French language.
- Directed construction of local social service center including project grant proposal writing, budget planning, financial management and construction project supervision.
- Assisted with design and implementation of a French class for illiterate, non-French speaking adults.
- Initiated and coordinated first annual International Women's Day Festival in City of Bohicon.

Lechters

Assistant Manager

Cincinnati, Ohio
November 1992-June 1994

- Promoted from sales associate to management within eight months.
- Managed inventory, purchasing, employee scheduling, and fiscal accountability.
- Trained and supervised sales associates regarding customer service and store operations.
- Screened, interviewed and made recommendations for hiring.

FOREIGN LANGUAGES

Spanish and French: Minimum Professional Proficiency

EDUCATION

Bachelor of Arts, Mathematics Earlham College Richmond, Indiana Minor: Spanish

June 1992