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CERTIFICATIONS

Cisco :

CCIE Security (CCIE 18644)
CCIE Routing et Switching (CCIE 18644)
CCNP
CCSP
CCIP
CCDP
CCNA
CCDA
CCAI (Cisco Certified Academy Instructor)

Other :

CISSP (in progress)

Microsoft :

Windows 2000 :
MCP
MSCA
MCSE

Juniper :

JNCIA-ER
JNCIS-ER

EXPERIENCE

April 2009 to now – TD Insurance (TD Meloche Monnex) (Canada)

Senior Specialist Network Infrastructure

- Act as the main architect in telecommunications
- Coordinates all activities related to improvements and changes in the network infrastructure (routing, switching, security, load balancer,...)
- Participates to the elaboration of the telephony over IP Cisco's infrastructure and solutions.
- Participates to the elaboration of the security's infrastructure.
- Recommendations on security practices.
- Recommendations on security configuration options in the equipments.
- Support and training of network administrators.
- Upgrades of the documentations and processes.
- Recommendations to increase effectiveness of the network, to the persons responsible for improvements of methodology, norms and standards.
- Technological surveillance of network.
- Follow-up of the network infrastructure's quality with multiple intervenient.
- Involvement in the budgetary process.
- Participation in the development of the infrastructure and safety measures in support of electronic commerce development.

October 2008 to March 2009 – Transat Tours Canada (Canada)

Specialist network and security

- Test of configuration of WCCP to implement Bluecoat Proxy
- Troubleshooting and modifications on network equipments (Support Level 3)
- Documentation of Network
- Configuration and troubleshooting on Checkpoint firewalls (rules, VPN,...)
- Configuration and troubleshooting on Proxy Blue Coat.
- Changes of configuration in telecom and security device for the project of conformity PCI.
- Recommendations for the project of conformity PCI.
- Project Manager for some project of conformity PCI (coordination, changes,...)
- Recommendations of configuration (avoid mac flood, dhcp snooping,...)
- Used technologies: Cisco Catalyst 2950, 2960, 3548, 3550, 3560, 4510, 6509. Routers Cisco 7300, 7200, 3660, 2600, 1800. Firewall Checkpoint R55, R62. Nokia IP 330, 390, 350. Proxy Blue Coat SG Appliance 510.

October 2007 to January 2008 – Bell TIC (Canada)

Infrastructure Architect

- Network Planning and architecture for Enterprise Clients
- Participates to the elaboration of the customer's infrastructure
- Support Operational teams during deployment
- Update and maintain documentation

August 2007 to October 2007 – Transat Tours Canada (Canada)

Specialist network and security

- Implementation of the MAN of Montreal
- Troubleshooting and modifications on network equipments (Support Level 3)
- Recommendations of design (QoS, BGP, OSPF, EIGRP, Spanning-tree,...).
- Documentation of Network
- Used technologies: Cisco Catalyst 2950, 2960, 3548, 3550, 3560, 4510, 6509.
Cisco routers 7300, 7200, 3660, 2600, 1800

November 2006 to February 2007 - Avance Services Réseaux (Canada)

Specialist network and security

- Troubleshooting and modifications in the firewalls for the customers of Bell (Connexim)
- Used technologies: Checkpoint, Cisco Pix, Shasta, Cisco ACS.

September 2005 to October 2006 – MTS Allstream (Canada)

WAN and LAN administrator

- Active Directory Security audit
- Network design
- Administrator WAN and LAN
- Writing of security documents
- Used technologies: BGP, EIGRP, static routes, routers and switches Cisco, MST, PVST.
- Used technologies: Cisco Catalyst 2950, 2960, 3548, 3550, 3560, 4510. Routers Cisco 7200, 3660, 2600, 1800. F5 Big-IP.

November 2004 to September 2005 – Alphamosaik (Canada)

IT consultant, specialist telecom and security

- Install, configure and troubleshoot on Firewall Checkpoint, Cisco Pix, Netscreen
- Management of monitoring system (standby 24/7)
- Install, configure and troubleshoot on Switch L2 and L3 and Cisco routers
- Install, configure and troubleshoot (basic) of telephony over IP (Cisco Call Manager and Cisco Call Manager Express)
- Used technologies : BGP, EIGRP, static route, VPN, Firewall Checkpoint, Cisco router, Cisco Pix, Access-point Cisco, Netscreen Firewall

May 2004 to September 2004 – WIN (Belgium)

Network Operation

- Troubleshoots on customers' routers
- Configuration of customers' routers
- Configuration of backbone's routers
- Used technologies : BGP, OSPF, RIP, IP MPLS, xDSL (ADSL et SDSL), Leased line, ISDN BRI, SDH, Frame-Relay

January 2003 to April 2004 – ATEI (Belgium)

Responsible of technical support

- Installation and configuration of Cisco products (Switches, routers, firewall (PIX), Access Point...)
- Administration and maintenance of customers' sites (Win NT/2000/2003 server, Exchange 2000, Workstation...)
- Helpdesk.
- Training (internal)

January 2001 to December 2002 – SNK (Belgium)

Network technician

- Administration and maintenance of customers' sites (Win NT/2000 server and Workstation, Exchange, MS Project...)
- Helpdesk.
- Hardware and software installation and configuration of servers and workstations.
- Configuration of switches, Access Points, prints servers.

TECHNICAL SKILLS

CISCO / NETWORKING

ROUTING

- Routing protocols on Cisco routers (configuration and troubleshooting) :
IP IGP Routing: OSPF, IGRP, EIGRP, RIP, RIPv2, IPv6 (Addressing, RIPng, OSPFv3), GRE, ODR, Filtering, redistribution, summarization and other advanced features
BGP: IBGP, EBGP, Filtering, redistribution, summarization, synchronization, attributes and other advanced features
- IP and IOS Features: IP addressing, DHCP, HSRP, IP services, IOS user interfaces, System management, NAT, NTP, SNMP, RMON, Accounting, SLA
- IP Multicast: PIM-SM, bi-directional PIM, MSDP, Multicast tools, source specific multicast, DVMRP, Anycast
- Router redundancy using HSRP, VRRP, GLBP

BRIDGING / SWITCHING

Knowledge of:

- Frame relay, Catalyst configuration: VLANs, VTP, STP, MSTP, RSTP, Trunk, Etherchannel, management, features, advanced configuration, Layer 3, Tunneling
- Multilayer switching (Intervlan routing,...)
- Multicast (PIM, CGMP) on Cisco routers and switches
- VLAN trunking protocols including 802.1Q, ISL
- Spanning-Tree Protocol (STP, MST, PVST, PVST+,...)

SECURITY

- PIX and ASA Firewall: Access Management, Address Translation, ACLs, IP Routing, Object Groups, VLANs, AAA, VPNs, Filtering, Failover, Layer 2 Transparent Firewall, Security Contexts (Virtual Firewall), Modular Policy Framework (MPF), Application-Aware Inspection, High Availability Scenarios, QoS Policies, Other Advanced Features
- IOS Firewall: CBAC, Audit, Auth Proxy, Access Control, Performance Tuning, Advanced Features
- VPN: IPSec LAN-to-LAN, SSL VPN, DMVPN, CA (PKI), Remote Access VPN, VPN3000 Concentrator, VPN3000 IP Routing, Unity Client, WebVPN, EzVPN Hardware Client, XAuth, Split-tunnel, RRI, NAT-T, High Availability, QoS for VPN, GRE, mGRE, L2TP, PPTP, Advanced VPN Features
- Intrusion Prevention System (IPS) : IPS 4200 Series Sensor Appliance: Sensor Configuration, Sensor Management, Signature Tuning, Custom Signatures, Blocking, TCP Resets, Rate Limiting, Signature Engines, IDM, Event Action, Event Monitoring, IOS IPS, PIX IDS, SPAN, RSPAN, Advanced Features
- Identity Management : Security Protocols (RADIUS and TACACS+), Cisco Secure ACS Configuration, Access Management (Telnet, SSH, Pwds, Priv Levels), Proxy Authentication, Service Authentication (FTP, Telnet, HTTP, other), Network Admission Control (NAC Framework solution), 802.1x, Advanced Features
- Advanced Security: Mitigation Techniques, Packet Marking Techniques, Security RFCs (RFC1918, RFC2827, RFC2401), Service Provider Security, Black Holes, Sink, Holes, RTBH Filtering (Remote Triggered Black Hole), Traffic Filtering using Access-lists, NAT, TCP Intercept, uRPF, CAR, NBAR, NetFlow, Flooding, Spoofing, Policing, Fragmentation, Sniffer Traces, Catalyst Management and Security, Traffic Control and Congestion Management, Catalyst Features and Advanced Configuration, IOS Security Features
- Ability to install, configure and troubleshoot Firewall Cisco Pix, Cisco ASA, Cisco IPS, Checkpoint, Netscreen, Linksys,...
- Network Wireless security (EAP, Radius, WEP, WPA, WPA v2)
- Logs analyzing
- VPN site to site
- Client VPN

WAN AND REMOTE ACCESS

- PPP (including PPPOE, PPPOA,...)
- ISDN (BRI / PRI)
- Frame-Relay
- DSL and cable modem
- VPN (basics)
- Asynchronous link (PSTN)
- NAT (including PAT,...)

TROUBLESHOOTING

- Ability to troubleshoot all the technology above

QUALITY OF SERVICE (QOS)

- Classification and Marking
- Congestion Management
- Congestion Avoidance
- Traffic Policing and Shaping
- Compression, Fragmentation and Interleaving for an optimal use of links
- Define QoS requirement for VOIP.

DESIGN

- Capacities to evaluate the need of the customer and provide the appropriate design that integrate the actual devices.

WIRELESS

- Ability to install, configure and troubleshoot Cisco Wireless product (Access Point, Wireless bridge,...)
- Knowledge to make a Site Survey

Microsoft / OS

- Installation, Configuration, and Administration of Microsoft Windows NT 4.0 (server and workstation), 2000 (server and Professional), XP and 2003 server
- Installation, Configuration, Management, Monitoring, and Troubleshooting :
 - DNS in a Windows NT 4.0, 2000 and 2003 Network Infrastructure
 - DHCP in a Windows NT 4.0, 2000 and 2003 Network Infrastructure
 - Remote Access in a Windows 2000 and 2003 Network Infrastructure
 - Network Protocols in a Windows 2000 and 2003 Network infrastructure
 - WINS in a Windows NT 4.0, 2000 and 2003 Network Infrastructure
 - IP Routing in a Windows 2000 and 2003 Network Infrastructure
 - Certificate Services
 - DNS for Active Directory
 - Security in a Directory Services Infrastructure
- Installation and configuration of Microsoft Exchange 5.5, 2000.
- Installation and Configuration of Active Directory
- Management, Monitoring, and Optimization of Active Directory components

VARIOUS

- Installation and configuration of networking equipments (print servers, routers, switches, wireless, modems,...)
- Installation and configuration of software: GFI FAX, CA Etrust antivirus (files server, Workstations and Exchange server), MacAfee antivirus (files server, Workstations and Exchange server), F-Secure antivirus (files server, Workstations and Exchange server), Trend Micro antivirus (Exchange server), VERITAS Backup EXEC, Office products (Word, Excel, PowerPoint, Outlook,...), Rumba, What's up Gold, Cisco VPN client, Checkpoint Secure Client,...
- Installation and configuration of RAID (raid 0, raid 1, raid 5)
- Ability to diagnose hardware problems on x86 based computers

LANGUAGES

French (mother language), Functional and technical English (good), Dutch (basics).

TRAININGS AND EDUCATION

- Cisco CCNP - September 2003 to February 2004 - FIA
- Cisco Security - 16, 17, 23 and 24 June 2003 - FIA
- Cisco Wireless - 5, 6, 12 and 13 May 2003 - FIA
- Cisco CCNA - February 2003 to July 2003 - FIA
- Windows 2000 (2151 – 2152 – 2153 -2154) - February 2003 - Computerland
- English - November 2002 - CLL
- English - February – May 2002 - CLL
- Exchange server - 21-22 August 2001 - CETEL
- 1998 – 2000 – IESP:
 - Graduated, Secondary School (A2)
 - Certificate of technician in Computer Sciences