Daniel Gheorghe

CCIE #31995

Personal information

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Nationality	Romanian
Civil Status	Unmarried
Date of birth	December 10th 1984

Professional experience

February 2011 – present Solutions Architect *TeamNet International, Bucharest*

- Part of the pre-sales department as an IT communications specialist, responsible for the networking technology solutions design in projects developed by the company, mostly public sector accounts;
- Customer facing experience, determining and analyzing the business needs in order to propose business efficient solutions;
- Building all the documentation and technical presentations needed during the initial phase of the projects; assisting the implementation and support teams in all the other project phases, being responsible for the solution design and the technologies used;
- Working with different communication solutions providers: Cisco, Juniper, Check Point, HP, Fortinet, Imperva;
- Working closely with the sales and bid departments in order to develop new opportunities in my area of expertise.

May 2010 – February 2011 Solutions Architect *Telelink Services Romania, Bucharest (Cisco Gold Partner)*

- Assigned to SMB and large enterprise accounts. Direct customer contact, pre-sales meetings, analyzing the technical and business requirements;
- Designing Cisco network solutions, ranging from routing and switching to voice and security, in response to customer needs. Designing additional IT and infrastructure solutions required to be integrated with the proposed network services;
- Part of the implementation and support team responsible for the project execution;
- Developing required project documentation (technical offer, high level design, low level design, network implementation plan, acceptance tests) for the provided solutions;
- Customer facing experience in all project stages: pre-sales, implementation and post-sales.

June 2009 – May 2010 Systems Engineer *Telelink Services Romania, Bucharest (Cisco Gold Partner)*

- Design, implementation and troubleshooting enterprise data network solutions based on Cisco equipment - routing, switching (including technologies like OSPF, BGP, QoS) and security solutions (Cisco ASA configuration);
- Voice network and contact center implementation and support (Cisco CME and CCX);
- Managed services engineer - design and implementation of network management and proactive monitoring solutions, including reporting and traffic analysis (WhatsUp Gold, CiscoWorks LMS);

- Writing technical documentation for the provided solutions, staff and customer training;
- Involved in pre-sales activity, building Cisco solutions configurations, providing connection between the sales and technical departments; post-sales support (remote and on-site intervention).

May 2007 – June 2009 Network Engineer *ITC Networks, Bucharest*

- Testing product feature functionality (proper implementation of switching and routing protocols) and customer solutions using mostly Nortel products (ERS 2500/4500/5500, Passport 7000 and 8000 series). Testing Nortel-Cisco product and feature integration;
- Designing, implementing and troubleshooting hierarchical system setups according to real topologies and customer scenarios. Implementing and analyzing high availability WAN topologies and traffic load distribution;
- Technologies used: VLANs, layer 2 redundancy protocols (STP, RSTP, MSTP), static and dynamic routing (RIP, OSPF), multicast features (IGMP), security tools (802.1x, EAPoL, SSH, SSL), authentication protocols (RADIUS, TACACS+), gateway redundancy protocols (VRRP), VoIP integration (ADAC), network management (SNMP, Syslog), QOS traffic provisioning and other protocols and features: IPv6, LACP, DHCP, PoE, LLDP;
- Working with IP traffic generators (IXIA, Spirent), and other tools: Clarify CRM (reporting errors/problems on the tested features), Mercury Quality Center;
- Designing and implementation of functional and system test plans according to functional specifications. Writing technical documentation for the provided solutions and product features.

September 2006 – January 2007 *Politehnica University of Bucharest*

Network and hardware engineer in a Biochemical research project. Laboratory network design and implementation; configuration and maintenance of network devices and laboratory equipment.

March 2006 – May 2006 *GVM Sistem, Bucharest*

Partial design and implementation of the INTERLAN network; including cabling, router and workstations configuration and administration.

Education and training

2003 – 2008	Faculty of Automatic Control and Computer Science, Politehnica University of Bucharest. Bachelor thesis in VPN Technologies
1999 – 2003	Al. I. Cuza National College, Bucharest (Math – Informatics section)
2012	EC-Council Certified Security Analyst / Licensed Penetration Tester course taken at New Horizons Training Center
2012	ITIL v3 Foundation course taken at IT Academy
2012	EC-Council CEH Ethical Hacking and Countermeasures course taken at New Horizons Training Center
2012	Fortinet 201 – FortiGate Multi-Threat Security Systems I - Administration, Content Inspection and SSL VPN course taken at the Fortinet Authorized Training Center

	2012	Fortinet 301 – FortiGate Multi-Threat Security Systems II - Secured Network Deployment and IPSec VPN course taken at the Fortinet Authorized Training Center
	2007 – 2009	CCNP: Implementing Secure Converged Wide-Area Networks (ISCW), Optimizing Converged Cisco Networks (ONT), Building Scalable Cisco Internetworks (BSCI), Building Converged Multilayer Switched Networks (BCMSN) courses taken at the Cisco Academy
	2008	SUN Fundamentals of Linux/UNIX and Server Administration course taken at InfoAcademy
	2008	Cisco CVoice course taken at the Cisco Academy
	2005 – 2007	CCNA1, CCNA2, CCNA3, CCNA4 courses taken at the Cisco Academy

Professional Certifications

2012	EC-Council Certified Security Analyst (ECSA)
2012	ITIL v3 Foundation
2012	EC-Council Certified Ethical Hacker (CEH)
2012	Fortinet Certified Network Security Professional (FCNSP)
2012	Fortinet Certified Network Security Administrator (FCNSA)
2012	National Security Agency and CNSS 4011
2012	Cisco Certified Network Associate Security (CCNA Security)
2011	Cisco Certified Internetwork Expert (CCIE) Routing & Switching, #31995
2010	Outpost24 Security Solutions Certified Professional
2010	Cisco Certified Internetwork Professional (CCIP)
2010	Cisco SMB Solutions for Engineers Certified (SMBEN)
2010	Certified VMware Sales Professional (VSP)
2009	Certified Fujitsu Pre-sales Consultant
2009	Cisco Certified Design Professional (CCDP)
2009	Cisco Certified Network Professional (CCNP)
2009	Cisco Certified Design Associate (CCDA)
2008	InfoAcademy UNIX/Linux Administration Fundamentals Certification
2008	Fundamentals of Linux/UNIX Certification
2007	Cisco Certified Network Associate (CCNA)

Publications

In progress	Cisco CCDP Simplified
2012	Cisco CCDA Simplified Published at Reality Press Ltd, ISBN 978-0956989246

Skills and competences

Networking	- Network configuration, management and troubleshooting: • **Layer 2 technologies**: implementing VLANs, VTP, STP/RSTP/MSTP, trunking, EtherChannel (PAgP, LACP), SPAN/RSPAN, PPP, PPPoE, Frame Relay; • **IPv4 Layer 3 technologies**: tunneling (GRE, L2TP, PPTP), routing protocols (RIP, EIGRP, OSPF, IS-IS, BGP), PBR, Performance Routing/Optimized Edge Routing; • **IPv6**: RIPng, OSPFv3, EIGRPv6, IPv6 Tunneling (6to4 Relay, ISATAP, IPv6IP), NAT-PT; • **MPLS Technologies**: MP-BGP, LDP, MPLS Layer 2 VPNs, MPLS Layer3 VPNs, VRF-Lite; • **IPv4 and IPv6 Multicast**: PIM-DM, PIM-SM, MSDP, IGMP, MLD, other multicast tools; • **Network Security**: Layer 2 and Layer 3 features, Zone-Based Policy Firewall (ZBFW), Cisco IOS Firewall, IPS, 802.1x, NAT, Control Plane Policing and Protection (CoPP), IPSec VPNs; • **Network Services**: gateway redundancy technologies (HSRP, GLBP, VRRP), NTP, DHCP, WCCP; • **Layer 2 and Layer 3 QoS**, including LLQ, CBWFQ, WFQ, Shaping, Policing, RSVP; • **Network troubleshooting**: Layer 2 and Layer 3 issues, network services and security; • **Network optimization**: logging, SLA, NetFlow, SNMP, RMON, EEM, RITE; • **Wireless** client access and basic Cisco Aironet access points configuration; • **VoIP Support**, Cisco CME, CCX and basic CUCM configuration. - Network monitoring: WhatsUp Gold, Nagios, ManageEngine NetFlow Analyzer; - Network management: CiscoWorks LMS, RANCID, Wireshark; - Extensive hands-on experience using Cisco products (IOS based and Catalyst OS based); - Extensive hands-on experience using Nortel/Avaya network equipment (ERS 2500/4500/5500, Passport 7000 and 8000 series); - Hands-on experience using Vyatta network operating system; - Hands-on experience using Fortinet security products; - Hands-on experience using other networking equipment and tools: Juniper, Check Point; - Network solution design and documentation (high level / low level).
Operating systems	- Windows (7, Server 2008, XP, 2003, 2000, NT, 98) – configuration and administration; - Linux – configuration, and basic server administration skills (DHCP, DNS, WEB, mail server) and security (NAT, IPtables).
Programming	Basic knowledge in C, C++, Visual C#, Visual Basic, Java, HTML, XML
Databases	Basic knowledge in Microsoft SQL Server, Visual FoxPro
Hardware	Assembly, Troubleshooting

Fields of interest

Computer networking – design, security, optimization, data center technologies

Telecommunications

Penetration testing

Computer forensics

Abilities

Foreign languages:

English	Reading skills:	Excellent
	Writing skills:	excellent
	Verbal skills:	Excellent
French	Reading skills:	good
	Writing skills:	basic
	Verbal skills:	basic

Comfortable in handling new technical and business challenges requiring fast learning curves

Public presentation and communication skills

Availability for teamwork

Perseverance

Driving license

Hobbies

All kind of sports (mountain biking, football, basketball), computers, traveling