

Lionel Gavage

Senior Network Engineer / Architect, Freelance with over 10 years of experience

D.O.B : 10 March 1980, Liège

Driving license (EU - Car)

Married

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Objectives/Goals

- To secure a position in the field of Network and Security Engineering.
- To apply my extensive expertise while pursuing continuous development in this field.

Experience

Since May, 2016 : Senior Network Engineer / Architect, Freelance at Self-owned

03-03-2014 - 20-05-2016 : Senior Network Engineer / Architect at IRISnet

Designed and implemented the new IRISnet infrastructure (MPLS, security, QOS, ...)
(ASR9K, ASR1K, ASR920, ME3600X, ME3400, ...)

Designed and implemented the new infrastructure of Urbizone (Free wireless Network in Brussels)
(Cisco WLC redundancy, with or without Flexconnect, ...)

Designed and implemented the network part of the new infrastructure for the Video Protection in Brussels (Datacenter and Customer side)
(Cisco Nexus 7K, Cisco 3650, ...)

Designed and implemented the news server and backup infrastructure (VMware, SAN HP with iSCSI, Veeam)

Designed and implemented a new network management/monitoring/ipam solution
(HP iMC, Cisco Prime, Scripting, IPAM, Cacti, ...)

Optimized and tuned network configurations (define new templates)

Defined the new standard devices

Defined the new standard configurations

Network auditing / consulting

01-03-2011 - 28-02-2014 : Senior Network Engineer / Architect at Tecteo (consultancy from WIN S.A)

Designed and implemented a new Private Cloud network / Datacenter infrastructure for the group which resulted in an improvement in both availability and security.

To manage centralized data in two datacenters separated by several miles, by implementing network and system virtualization to increase the availability of services to customers by seamlessly converging at the loss of a network link for example in the datacenter (or between them).

Designed and implemented a new network management and monitoring solution for the group's critical infrastructure, used by the network operational team to quickly detect and react to unexpected events.

Optimized and tuned the existing network configurations and defined templates for new installations, which further lowered the downtime and sped up the installation of new equipments by the operational teams.

16-03-2011 - 28-02-2014 : Senior Network Engineer at WIN S.A

03-01-2005 – 15-03-2011 : Senior Network Engineer / Architect at NRB (Network Research Belgium)

Design and implementation of new network solutions in various domains like WAN, LAN and VPN.
 Managed various projects
 L3 Support operational
 Technological survey

02-07-2001 – 31-12-2004 : Network Engineer at SEGI (Service Général d'Informatique de l'Université de Liège)

Operational support and network management for University and CHU (Centre Hospitalier Universitaire)

01-02-2001 – 18/06-2001 : Training Course

Subject : “Study of Intranet/Internet technologies in an educational context: Elaboration of securisation and inter-protocols communications”

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| Education and Training |
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Bachelor in Computer Science at Haute Ecole de la Province de Liège (ex-Inpres) (Graduated 2001)
 3-year program oriented toward programmation and system management

- ADVA FSP3000R7 Technical Training**
- ADVA Network Management Introduction**
- ADVA FSP150 Technical Training**
- HP Discover 2014 – Conferences**
- HP Discover 2013 – Conferences**
- Fortinet Course 201 and 301 – Advanced Configurations**
- HP Discover 2012 – Conferences**
- Fortinet FortiBalancer course – Advanced configurations (Load balancing product from Fortinet)**
- HP A-Series Networking Technologies (HPNA Basic, Implementing, Advanced Enterprise Networking)**
- Palo Alto Networks PAN-EDU-201 (Firewall product from Palo Alto Networks)**
- CCIE R&S Written Exam – Certification**
- Cisco Networkers 2007 – Conferences**
- Training Configuring BGP on Cisco Routers (BGP)**
- Training Aironet Wireless LAN Fundamentals (AWFSS)**
- Training Implementing CiscoWorks for Enterprise LAN/WAN Management (CWENT)**
- Training Implementing Cisco MPLS (MPLS)**

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| Technicals knowledges |
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| Operating Systems : | Linux (Debian, Mandrake, SuSE/OpenSUSE, Redhat Enterprise, Fedora, Ubuntu), IOS, NX-OS, IOS XE, IOS XR, CATOS, ScreenOS (Netscreen), MacOSX (Client/Server), Comware (H3C). |
| Development languages : | HTML, SQL (MySQL), Shell Scripts, PHP, Perl. |
| Development and management tools (network, ...) : | HP IMC (Intelligent Management Center), CiscoWorks, Cisco Prime, Cisco ISE, Tivoli Netview, HP OpenView, Cacti (frontend rrdtools), Nagios, Munin, NfSen, opensource tools |
| LAN | VLAN, VTP, EtherChannel, SPAN/RSPAN, Spanning-Tree Protocol, ... |
| WLAN | Cisco Aironet – Airspace, Aerohive |
| WAN | MPLS, MPLS PseudoWire, (M)BGP, OSPF, IS-IS, EIGRP, RIPv1, RIPv2, ODR, EIGRP, Multicast, HSRP, VRRP, GLBP, IPV6 (OSPF, RIP, BGP, ...), ... |

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| SECURITY | Firewall : Cisco PIX/ASA/FWSM, Cisco IOS Firewall, IPTables, IPFW, Juniper, Fortinet, Palo Alto VPN : IPsec (Site-to-Site, Client VPN, DMVPN, ...), L2TP w/o IPsec, GRE, PPTP, SSL VPN L2 : ACL, URPF, CBAC, NBAR, Port-security, IP Source Guard, DHCP Snooping, ... Authentication : EAP/MD5, EAP/TTLS, EAP/PEAP, LEAP, MsCHAP, MsCHAPv2, PAP/CHAP |
| Clustering Technologies : | Cisco VSS (Virtual Switching System), Nexus (with or without VPC – Virtual PortChannel), Cisco 3850/3750/2960S Stacking, H3C IRF, ... |
| Network Vendors : | Cisco, HP ProCurve, H3C, Juniper, Palo Alto, Fortinet, Avaya.... |
| VoIP | Cisco |
| SERVICES | Netflow/sFlow, Radius, (freeRADIUS, Cisco ACS), TACACS+, DHCP, DNS, Apache, MySQL, TFTP, NTP, WCCP (Web Cache Communication Protocol), Syslog, Cisco IP SLA, Cisco EEM (Embedded Event Manager), ... |
| Office tools : | Microsoft Office (Word, Excel, Access), OpenOffice |

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| Languages |
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Français : Native language
 Anglais: Spoken intermediate, read and written

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| Interests / extra curriculum vitae |
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Sport (Table tennis, basket ball, badminton), Internet, movies, music and more