

# Julien Berton

✉ julien <AT> berton.me

## NETWORK/SYSTEMS ENGINEER

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**Network engineer with extensive experience** on planning, configuring, deploying, testing and supporting IPv4/IPv6 solutions in Cisco enterprise environment. **Certified in Cisco and VMware technologies** using work experience, self-taught books and home labs. **UNIX administrator especially using Debian GNU/Linux** operating system to deploy VoIP, web and database hosting services.

## CERTIFICATIONS

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ETS TOEIC - Gold certificate (885/990)	10/2009
Cisco Career Certifications - CCENT Routing & Switching	4/2010
Cisco Career Certifications - CCNA Routing & Switching	8/2010
Cisco Career Certifications - CCNA Security	4/2011
Cisco Career Certifications - CCNP Routing & Switching	9/2011
Cisco Certified Academy Instructor - CCNA & CCNA Security	11/2011
Cisco Networking Academy Instructor Trainer - CCNA & CCNA Security	5/2012
Cisco Career Certifications - CCDA Design	7/2012
Cisco Career Certifications - CCDP Design	8/2012
IPv6 Forum Certified Network Engineer - Gold	8/2012
IPv6 Forum Certified Network Trainer - Gold	8/2012
Cisco Data Center AS Support Specialist	10/2012
Cisco Data Center Application Services Support Specialist	10/2012
Cisco Data Center Storage Networking Support Specialist	10/2012
Cisco Data Center UF Support Specialist	10/2012
Cisco Unified Fabric Technology Support Specialist	10/2012
Cisco Career Certifications - CCIE R&S - Written Exam	10/2012
VMware Certified Professional 5 - Data Center Virtualization	12/2013
Cisco Career Certifications - CCNA Wireless	5/2017
VMware vExpert 2017	8/2017
Pursuing Cisco Career Certifications - CCNA Cyber Ops & CCIE R&S	

## PROFESSIONAL EXPERIENCE

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Cisco Systems Inc. 07/2015 - Present  
**France Technical Manager**

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Leading the technical side of **France Cisco Networking Academy** program in a Country Digitization Acceleration (CDA) context, **first** of the kind for Cisco **worldwide**. Concretized by a MoU signed between Cisco and France Ministry of Education (MoE), committing the goal to train 200,000 students in 3 years, a program growth of 174 %. Adapted global **strategies, processes** and **platform** in order to fit CDA goals and plans. Conducted instructor training and accreditation for **IT Essentials, CCNA R&S, CCNA Security, CCNP R&S**. Designed and wrote **three new** Cisco Networking Academy **courses about networking** (in collaboration with U.S. team) for France MoE middle school pupils. Created and taught the **instructor training** for these courses. Animated **commercial, technical** conferences (in English or French) and **events** like IoE Hackathons.

SUPINFO International University 02/2014 - 07/2015  
**Full Professor**

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Managed Cisco courses, including **CCNA R&S, CCNA Security, IoT/IoE** courses for the Cisco Academy. Trained the Trainers for CCNA and CCNA Security in our Cisco Instructor Training Center. Global management of the certified teachers across the academy and for partners. Taught Cisco official academic courses, including CCNA and CCNA Security. Designed and developed scripts for academic automation such as, **SubjectGenerator, QuizGenerator, MailParser**, for Cisco courses and others one.

Virtuali, Colombes

04/2013 – 02/2014

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**Network / Systems Architect**

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Designed and deployed **Cisco Nexus** Data Center technologies (**Nexus 2K, 3K, 5K and 7K**).  
Planned, deployed and secured wired and wireless **Cisco** infrastructures (**ISR G2/G1, Catalyst, Aironet**).  
Planned and deployed **Exchange 2010/2013** infrastructures. Migration project from 2003 to 2013.  
Integrated **VMware vSphere 5** and **View** solutions for key accounts.  
Achieved capacity planning for desktops and servers virtualization.  
Fully automated **Citrix XenApp** vDesktops deployment using **VMware PowerCLI/Citrix PowerShell** for key account. Spoke about company products in professional conferences.

Orange Business Services, Paris

01/2013 – 04/2013

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**Client Solutions Architect**

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Planned network infrastructures for key accounts in banking industry.  
Projects related to **X25 migration to XOT, BTIP H323 to BTIP SIP** and **Orange RAEI backbone**.  
Written configuration and homologation documentations.

Econocom Managed Services, Nanterre

09/2012 – 01/2013

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**Network Engineer**

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Planned and deployed **HP** network infrastructures for whole site (core, aggregation and access layer switches).  
Secured infrastructure with **Fortinet** and **Cisco** products.  
Level 2 and 3 support and advanced network / systems troubleshooting.  
Taught **HP Professional - Getting Started** with HP Switching and Routing official course.

JB Services, Paris

01/2011 – 09/2012

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**Freelance Network Engineer**

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Designed and deployed site-to-site and remote access network infrastructure with **Cisco** and **pfSense** equipment.  
Integrated **Cisco Unified Call Manager** with **Digium Asterisk** with rich call features and interoperability.  
Planned and deployed **ESXi 4.X** infrastructures on-site or hosted. Integrated hosted infrastructures into enterprise.  
Monitored whole infrastructures with **Zabbix** and **SNMP**. Graphs generation. Jabber/mail alerts and iOS pushes.  
Scripted automatic generation of **Weathermap** using Zabbix collected data.  
Organized **IPv6** transition on enterprise edge using dual-stack configuration.

Paris International Campus, Paris

11/2010 – 09/2012

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**Cisco / Microsoft / Citrix Full Professor Assistant**

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Courses and academic content creation such as slides, evaluations, learning guides and training workbooks for a worldwide school. Face-to-face and online training for classrooms of academic (100+) and professionals (20+) students.

Official training of **Cisco CCNA** and **CCNA Security** instructors.

Courses taught to students includes **Cisco CCNA, Cisco CCNA Security, Asterisk 10.X, Citrix XenApp 5**.

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## EDUCATION

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SUPINFO International University

2008 - 2013

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**International Master of Science in Computer Science**

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Validated various courses: development (**C, C++, C#, Java**), system administration (**Linux, Windows Server**), network (**Cisco**), Oracle database (**SQL, PL/SQL, Data Warehouse**) and management (**CrossKnowledge** courses).  
Campus Laboratory Manager for the Linux laboratory. Managed the main laboratory server and deployed virtualization using **OpenVZ** and **VMware ESXi**. Planning and animation of events such as training for students on VPN, VoIP and global administration technologies.

High School, Puteaux

2008

**Electronic Sciences Baccalaureate obtained with *cum-laude* of the jury**

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## ACTIVITIES & INTERESTS

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Co-Authored **VMware vSphere 6 - Concevez votre infrastructure de virtualization** book, published by ENI Editions - ISBN 978-2-409-00031-7 - <http://bit.ly/2qBcJij>

Developing IoT/IoE tools, mostly for home automation. Regular practice of Tennis and Swimming.