

Stéphane REVEL

Architect of secure information services

Graduate Engineer, IT manager, 15 years experience, UNIX, ISO 27001 Lead Implementer, GCIH



experience

misc

born Aug. 3rd, 1979
French nationality
driver's license


contact


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Luxembourg-city


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languages

 French
Native

 English
Fluent, TOEFL level
647 (2001), main
working language
for 10 years
C1 level

 Portuguese
Good understanding
B1 level

 German
Good notions
A2 level

interests

travelling, scuba
diving, hiking,
litterature, science,
cooking and wines,
modern art

2016–2016 **Lead Architect at the European Commission**

Luxembourg 

This program is an SLA-driven managed service at the Directorate-General for IT of the European Commission. As Lead Architect, I am responsible for Service Design, heading a team of 15 senior IT architects on technologies such as database, application servers, web servers, monitoring, CMDB, etc. My main responsibilities are:

- coordination of the service design effort across technologies in collaboration with project management (about 50 projects yearly);
- day-to-day team management and recruitment;
- transformation of the delivery process to improve its efficiency.

I am also a member of the core team managing the entire 100-persons program, which is operated by eProseed and 3 other companies.

2014–2016 **Head of IT at eProseed**

Windhof 

eProseed is a mid-size Oracle Platinum partner, mainly delivering solutions based on Oracle Fusion middleware products. I was heading IT, a department dealing with internal IT, cloud operations and delivery of customer infrastructure projects. The team was composed of 6 people in Luxembourg and Portugal. My responsibilities included:

- the management of the IT infrastructure team;
- the internal IT architecture, operations and budget;
- the management of IT hosting and managed services operations for customers;
- the delivery of IT infrastructure projects to customers;
- the relationships with customers and suppliers;
- the ISO 27001 certification project.

2009–2014 **Operations and Security Manager at VBS (formerly Learch)**

Capellen 

Learch (Luxembourg e-Archiving) was a company offering legal digital archiving as a service, for which I was the Director of operations, chartered by the CSSF (Financial Sector Regulation Commission), and Information Security Manager. My responsibilities included:

- the architecture and evolutions of the technical platform;
- the IT and operations budget;
- the management of the IT team, the operations and the projects;
- the management of the ISO 27001 certification: from initial setup of the Information Security Management System to its operation;
- the technical relationships with partners, clients and suppliers.

Learch has been fused into Victor Buck Services (VBS) end of 2013.

2010–2012 **National expert of IT security at ILNAS**

Luxembourg 


Registered as a National Expert of the Luxembourgish Normalisation Office (ILNAS) for the ISO/IEC SC27 technical normalisation committee, "IT security techniques".

2005–2009 **Unix systems architect at the European Commission**



Luxembourg 

At the DataCentre of the European Commission, system administration (25%) and projects (75%) on a production farm of 700 Solaris servers and 100 Linux servers in a multicultural team of 10. Intensive use of SunCluster, SunFire 25K platforms, Solaris zones. Engineering and documentation on projects linked with operational activities. Some projects:

- Definition and implementation of a reference configuration for Solaris 10. Technologies: Solaris Jumpstart, Zones, ZFS, Cfengine.
- Design and setup of a tool and procedures allowing to reinstall Solaris with a minimal downtime for users (1 reboot). This has been used to upgrade all servers. Technologies: Solaris Jumpstart, Perl scripting.

- 2002-2005 **Systems engineer at AR Systèmes, BNP Paribas group** Nanterre 
- Systems and network engineering in a UNIX environment. Architecture, SAN (HDS hardware) and SunONE servers deployment. Consulting, specifications, deployment, project management, tests, support, for middle to large clients and administrations, mainly in banking. Some projects:
- Setup of a pilot architecture for the datacenter BCP of Natexis Banques Populaires. I have been taking care of the AIX part of the project. Technologies: AIX, booting from SAN (EMC).
 - Benchmarking and performance tuning of a Java application running on AIX/SunONE WebServer at the French Ministry of Finance. Technologies: Rational Test Manager, SunONE WebServer, Tomcat, Java tuning.
 - Development of a specific SunCluster agent to make highly available the Trema Finance Kit application, new trading room back-office software at the Banque de France. Technologies: Solaris, SunCluster API.

education

- 1997–2002 **Diplôme d'Ingénieur and Master's degree at ESIEE-Paris** Noisy-le-Grand 
- Graduated from ESIEE-Paris, an Engineering School in 5 years where I had a 3-years scientific and technical core curriculum, followed by 2 years of specialization in embedded systems and real-time computing.
- 2000 **Bachelor's degree at University of Paris-Est** Marne-la-Vallée 
- During my studies at ESIEE, I obtained a *licence EEA* (Bachelor's degree in electronics, electrotechnics and automatism), systems engineering option.

training and certifications

- 2015 **Oracle Certified Professional certifications** Oracle
- FS1 Series Systems Implementation Specialist;
Solaris 11 System Administrator.
- 2014 **GCIH certification: security incidents response** SANS/GIAC
- SANS SEC-504: one week of training on hacker techniques, exploits, and information security incident handling, followed by the GCIH certification: GIAC Certified Incident Handler. Certificate valid until Oct. 2018.
- 2013 **Certified ISO 27001 Lead Implementer** HSC/LSTI
- One week of training and exam on implementing Security Management Systems compliant with ISO 27001. Access to the Lead Implementer grade based on my actual work experience. LSTI certificate #1104, valid until Sep. 2016.
- 2010 **Information Security Management** CRP Henri Tudor
- 46 hours of training on ISO 27001 Information security management and ISO 27005 Risk analysis.
- 2008 **ITIL v3 Foundation certification** EXIN/ITIL
- Sun Certified System Administrator for Solaris 10** Sun Microsystems
- 2004 **IBM AIX 5 training and certification** IBM
- Training: AIX administration on pSeries, part I and II. Certification: IBM Certified Specialist - pSeries AIX 5L System Administration.
- 2002 **Solaris 9 certifications** Sun Microsystems
- Sun Certified System Administrator for Solaris 9;
Sun Certified Network Administrator for Solaris 9.

skills

Management

Experience with team management and project management, recrutement, service design, organizing security audits and responding to audits, setting up and managing an IT budget (≈700k€), reporting, dealing with suppliers.

Systems

Advanced knowledge of Solaris administration. Experience with Linux, AIX, OS X, FreeBSD. Experience of Oracle Sun hardware from workgroup to high-end. Solaris Cluster, Veritas VM, ZFS, Solaris Zones. Virtualization with VMware ESX and Oracle VM. Centralized configurations with Cfengine.

Network

Network architecture. Administration of LAN core switches (Extreme Networks, HP) and InfiniBand (Mellanox).

Storage

SAN and NAS technologies. Administration of HDS 95xx arrays, Oracle ZFS appliances and Oracle FS1 systems, Brocade and Cisco MDS switches. Backup based on NetBackup, Time Navigator and Netvault.

Security

Security management: Good theoretical and practical knowledge of the ISO 27k family of standards and the risk-based approach. Theoretical, thanks to the trainings I have followed and my involvement as a national ISO expert. Practical, because I have implemented and maintained an ISMS which got the ISO 27001 certification.

Security technologies: administration of Fortigate and Juniper firewalls and Cisco Ironport email security. Experience of VPNs, access controls, encryption, SIEM solutions such as Splunk. GCIH certified.

e-Archiving

Good knowledge and experience of digital archiving: standards ISO 14721 ("OAIS"), ISO 15489 ("Records Management"), MoReq2. Advanced experience as an administrator and integrator of the Infotel Arcsys archiving platform.

Programming

I do not program much anymore but I have been using Perl, Unix Shell, Java and PHP significantly. I have also had experience with C/C++, assembly (78K0, DSP T.I, ...), m4, Qt. System and real-time programming, distributed real-time.

