

# Stéphane REVEL

## IT Architecture and Service Manager

Graduate Engineer, 16 years experience, IT infrastructure, ISO 27001 Lead Implementer, GCIH



## experience

### misc

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


### contact


Living in  
Luxembourg-city


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### languages

 French  
Native

 English  
Fluent, TOEFL level  
647 (2001), main  
working language  
for 13 years  
C1 level

 Portuguese  
Good understanding  
B1 level

 German  
Good notions  
A2 level

### interests

travelling, scuba  
diving (AOW), hiking,  
litterature, science,  
wines (WSET Level  
3 Award in Wines),  
modern art

#### From 2016 Chief IT 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 the IT Service Design department, heading a team of 17 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 (up to 18 direct reports) and project management, recruitment, 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 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.

