

Thierry BERAUDO

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Solution Architect
Available immediately

With more than 20 years of professional experience in information technology, I have a strong expertise in project management and IS engineering/architecture in production environments (Build & Run), covering system, network and security issues.

Since 2019, I have been able to evolve towards Cloud infrastructures (still working on networks, systems and security), especially on Azure and AWS.







Multilingual and Secret-Defense cleared, I can help you in international contexts and in your sensitive projects.

TECHNICAL SKILLS

Intervention levels	<ul style="list-style-type: none">♦ Architecture♦ Integration of network equipment	<ul style="list-style-type: none">♦ Project management (project owner / project manager) NetDevOps♦ Cybersecurity
IT Solutions	<ul style="list-style-type: none">♦ VM Ware♦ KUBERNETES♦ SAN♦ WAF♦ AWS-SIPH♦ SSH /IDMZ♦ CORE/	<ul style="list-style-type: none">♦ AZURE♦ VM KVM♦ IPERV♦ Docker♦ SDWAN/WAN/LAN♦ IAM/RAN/VLAN/DAT♦ D,NIC,SLA, SLR,♦ DNS,DHCP, NTP, One♦ DDI
Equipment manufacturers	<ul style="list-style-type: none">♦ PALO ALTO♦ CISCO♦ F5 JUNIPER	<ul style="list-style-type: none">♦ FORTINET♦ STORMSHIELD♦ NETWORKS ALCATEL
Telecom Equipment	<ul style="list-style-type: none">♦ DNS, Aruba, MPLS	
Data Center	<ul style="list-style-type: none">♦ Hypervision DGLP♦ Centreon	<ul style="list-style-type: none">♦ Loi – Ma – Vipra - Yan
Systems	<ul style="list-style-type: none">♦ Windows 10.11. SERVER 2022♦ 2019.2016.2012, ...♦ Active Directory Dell♦ Sophos	<ul style="list-style-type: none">♦ UNBUNTU TANZU♦ Linux Redhat 8.4

DBMS	♦ SQL, DB2, MySQL
Script	PowerShell, Python, Oracle

CERTIFICATIONS

	<p>AWS Certified Solutions Architect - Professional 2022</p>		<p>Azure Cloud Architect 2019 - 2020 AZ301, AZ302, AZ400 DevOps, AZ500</p>		<p>CCNA 1, 2, 3 and 4 2017</p>
	<p>Juniper Networks Specialist 2017</p>		<p>VMWare 6.0 2016</p>		<p>Citrix 2015</p>

FORMATION

1986 – Bac + 5 in Computer Science – University of Sophia Antipolis

PROFESSIONAL EXPERIENCE



02/04//2025 to 10/06/2025 Archtect SI SAFRAN ENGINEAIRCRAFT CORBEIL Via SAVANE

Context: Data center 2 architecture project on the Rennes and Casablanca Morocco plants

AWS Cloud Project, Palo Alto Security, Fortin, and On-Premise Site Architecture Update

Creation of ingress and egress rules (for external communication) for the GKE cluster. Writing startup scripts for deploying the GCE application

The two MPL links and the OBS CE recruiters are connected via two Cisco C1000 switches interconnected in the port channel.

This strongpoint has two tunnels connected to Safran's core equipment via the two MPS links.

Hyderabad's infrastructure is changing. The current site is equipped with the SAEH network.

WAN Summary

Details of the Corporate IRIS zoning and assembly of FOF for 3 sites of the new factories in RENNES ,CASSABLANCA Morocco AIRCRAFT ENGINES CORBEIL ,

Complies with URBASEC and ITRB07 standards, industrial IRIS /IDMZ

Migration of 2500 VMs on OPEN SHIFT on AWS, Bakup backup on new containers on AWS.

PALO ALTO MGMT HTTPS security of firewall administration on WALIX

From 10/2023 to 01/2025 : Architect SI , Air France ,Transavia Orly Airport via ESN

Context: Run and Build app data center architecture project, Roissy Charles de Gaulle Airport

Objective: IT Security Architecture Plan, Migration of the computer room from Orly to Roissy

Project on AWS Cloud, Palo Alto security, update of the architecture in San and change of application in production run on platform and Build project on Roissy

Configure infrastructure for more than 20 applications. Work on IaaS Pipeline and Terraform Enterprise

Creation of all GCP resources via Terraform (Creation: service accounts, IAM accounts for service, KMS keys, GKE cluster, Cloud SQL, GCE instances, load balancer, firewall (ingress and egress), composer) etc.

Work on the two use cases, namely the migration from Openshift to GKE and the migration from DAP to GCE.

Intervention on the configuration of GCE instance templates, managed instance groups, autoscaler, and VM instances.

Creation of ingress and egress rules (for external communication) for the GKE cluster. Writing startup scripts for deploying the GCE application

Create internal and external load balancers, configure health checks, front-end and backend services on LB.

Enabled SSH connection to VMS with CyberArk integration.

Installing ASM tools and securities like Prisma Defender in the GKE cluster

Creating namespace and workload identities, i.e., impersonating KSA (Kubernetes sa) with GSA.

Creation of secrets in GSM using Terraform.

Create various firewall rules for on-premises systems (upstream and downstream services and GCP).

Building Cloud Composer and DAGS using Terraform. Geneos configuration replicated for monitoring in Composer.

Intervention on configuring cloud logging and monitoring using Terraform for log-based monitoring and application logs.
Creating KMS keys with CMEK and EKM

From August 2023 to October 2023 - AWS Cloud IS Architect, SNCF



Background: DAT architecture for multiple projects

Missions: Modification of applications in Prod under system VM (Ubuntu)

Modification and maintenance of DATs in Off-production and off-production

AWS Service Management (EC2, Lambda, S3, ELB, Route 53, EFS, AND IAM)

Configuring alarms in Cloudwatch to monitor EC2 and RDS performance

Results: Improving skills on Terraform

Technical environment

Cloud AWS - SIPH Terraform

Ansible

Kubernetes

The OpenShift container platform (RHSA-2023:7198) is now available. This release uses Kubernetes 1.28 with the CRI-O runtime. New features, changes, and known issues related to OpenShift

OpenShift Container Platform 4.14, each EUS phase for even-numbered versions on all supported architectures.

Setting up the core components of the Container Platform use RHEL cryptographic libraries that have been submitted to NIST for FIPS 140-2/140-3 validation on the x86_64, ppc64le, and s390x architectures only.

- Creation of presentation layers for technical, commercial and executive management showing the operational health of the environment based on KPIs
- Manage existing applications and create new applications (visual and non-visual)
- Manage SPLUNK user accounts (create, delete, edit, etc.)
- Create data retention policies and perform index administration, maintenance, and optimization
- Work with third-party application, hosting, and CDN providers to integrate data feeds with a centralized Splunk platform
- Ensure the overall management of the SPLUNK platform
- Assist in the design of basic scripts to automate SPLUNK maintenance and alerting tasks. SPLUNK support on UNIX, Linux, and Windows platforms. Assist in the automation of processes and procedures

From Feb 2023 to May 2023 - Azure Cloud IS Architect - Centre Hospitalier Begin Paris



Background: Data Center Architecture Project

Objective: Network security architecture plan, validation and construction of the architecture, installation of the Soc and applications on the production server Run. Construction of a new DC2 data center

Missions

Implementation of a VMWare server architecture on 250 VMs and hospital links for Paris, Lyon, Bordeaux, Toulon, Lyon and Marseille. Migrated Active Directory servers, created server farms and links to hospitals, updated the Tina

application.

Implementation of VEEAM supervision, creation of alerts (definition, acceptance, follow-up, etc.)

Backup management by robot: changing cases, STORSHIELD security server and securing flows on secure networks

Establish strategies, best practices, and key performance indicators (KPIs) to ensure engineering excellence and high-quality results

Experience in providing architecture for data warehouse, integration solutions, BI and analytics programs with technologies such as SQL Server, SSIS, SSAS, Power BI, etc.,

Experience in implementing architecture for data warehouse, BI, and analytics programs

Experience with Azure Application Insights

Experience in delivering cloud data migration solutions using Azure Data Factory

Experience in setting up projects on Azure and industrializing the process

Experience in providing technical solutions for cloud-based transformations of on-premises data and BI

Excellent communication skills and experience working with different stakeholders

From September 2021 to December 2022 - IS Architect - Airbus



Background: Migrating PSTN Networks to Stormchield IP WAN Security

Missions: Implementation of security/network architecture plans - Projet Confidentiel Défense

Kubernetes on premise, Kubernetes cluster installation using CRI-O container engine + Calico or Cilium CNI. Helm v3
Deploy chart information stored into a PostgreSQL database instead of Kubernetes Secret resources.

From July 2021 to July 2022 - IS Architect - STATIFIP DGFIP



Context:

Objective : Support of infrastructure and network projects, security, SAS migration, QUANTUM robotics, supervision of the installation of 10 physical arrays and cabling and routing on HP Proliant DL 385 architectures in production on a new architecture.

Missions

Drafting of the specifications for the project owner

Understanding CAI Architecture Diagrams

Presentation of the application project specified by the project owner

Documentation and installation of servers under Redhat 8.4

Documentation and installation of Redhat virtualization and Active Directory
migration Chair of COPIL meetings (twice a week)

Results

New architecture with architecture plan validated at the Bercy Finance Centre

Architecture in production - Fiber pulled between floors (datacenter) at the request of the DGFIP

Migration to production of 130 terra de datos (Ultra confidential and UTF8 encoded with SAS)

Virtual configuration of 19 servers and 19 hypervisors

Installation for Prod and 10 hypervisors in preprod on the new servers installed on 2 racks mounted on NSF and presented on the EVS of the new rack.

SAS Server Aggregate Assembly, WSUS/WAMP Server, AD Server, NAS Server, SFP+, 29/10G



From June 2019 to April 2021 - Architect IS ORANGE

Context: Architecture, Networks, Security, Systems, Cloud, Projects.

Objective: Within the InFrastructure department, project management of the network infrastructure and security of the BRMC Cloud (private cloud).

Missions

Management of the VMware hyperV datacenter migration project to a 5G datacenter in Lyon, Toulouse and Marseille. Team management.

Drafting of technical test reports, PV, delivery of documentation

Contribute to IT projects by managing the network component: Organize, plan, coordinate and manage all resources, processes and participants

Actively contribute to the study and design phases (collection of needs and specifications, network architect).

MS PROJECT Schedule Management

Updating specifications and data infrastructures

Direct administration and ownership of the SIEM, including configuration, access control, tuning, integration, and continuous improvement activities

Create and configure custom cases, dashboards, searches, and reports on the SIEM platform based on cybersecurity and business needs

Act as an escalation point for SIEM and provide guidance and mentorship to associated security engineers and analysts.

Develop and maintain SIEM processes and procedures in line with environmental changes

Be an ambassador for the information security team to other business units

Using Splunk and/or Splunk ES

Results

Infrastructure Gin Access layer by the network structure tool of grievances as well as guard to check secure networks at the request of orange customers.

Opening of flows, Greenwich bi-site in Ech zone + PBE/B2B infra-IAS door exchanged via Passerelles

Support of bb1 Piv to PA1 interface, Sirius firewall.

Pfs VPN Management VPN O, M.

VMware hyper V 5G Data Center Migration

Server migration: 3600 servers in production, backup, storage

Interconnected vision customer support for workflow and non-production requests

Network innovation for the addition of Excel-compliant servers on 3600 GW prod it1 servers and Orange Axway security rules, F5

Design and Execute the F5 BIG-IQ Upgrade that Managed 277 F5 AFM Instances (Presented at the F5 Technical Summit for ASM and BIG-IQ). Support for F5 ASM, DNS, LTM, and Viprion Introduced F5 ASM to the F5 big-ip Enterprise Infrastructure

Team recruitment and skills development

Technical environment

VMWare, hyper v, F5, EMC, ASM, DNS, Sirius Firewall • Windows Server System 2019 / LINUX REDHAT 8 ENTERPRISE

From August 2018 to October 2019 - Architect SI - BNP PARIBAS

Objective: Decommissioning of backups (2 peta out of 400 servers), archiving, rationalization of backups

Missions: Network migration to Linux 7.6, patch and certificate updates, SharePoint data storage, data server updates, verification of backed up data, allocation of virtualized VMs on the network (2 cores per VM), archived servers on 8 sites

Technical environment

VMWARE, SharePoint

Systems: Windows servers 2016 / LINUX REDHAT



From January 2018 to June 2018 - IS Architect - INGENICO

Context: Restarting the company's electrical incident

Missions: Network infrastructure and security management

Administration: WAN monitoring, VLAN management, CISCO WAN SDWAN routing, core network management, ING Iv3 ticket fleet management

IDLOG 4-Site Diagram: AD Server Deployment

Domain Controller, DNS Server, and Global Catalog Options

Deploying and Configuring Fortinet Security Firewalls

Managing SNMP traps with Centreon

Office 365 user desktop deployment, 800 technician desktops

Managing infrastructure using Visio 2016

Technical environment

Cisco, Fortinet, SDWAN, WAN,



From January 2018 to June 2018 - IS Architect

Context: ATOS Aubervilliers / Bezons data centre

Objective : Network architecture and security processing, F5

Missions: Definition of the architecture and evaluation of security and protection solutions for DDI and APT terminals

Liaise with engineering teams

Administration/Monitoring of LAN/MAN/WAN networks

Administration of security equipment (Firewall, Proxy, Load balancer)

Network Asset Deployment/Upgrade N3 Network Management Poland, Germany, India, Romania, United States, France

Troubleshooting optimization at the level of advanced applications (Compression, cache, acceleration, Qos)

Creation of the Putty tunnel Management and implementation of virtualized system platforms (HP server/Cluster, VMware, Vsphere, ESX, ESXI/ San Equallogic)

Administration of the architecture and implementation, replication, implementation of the telecommuting project on ADSL Box/

VPN SLL Juniper/ Support banner F5 ASM, DNS, LTM and Viprion
Introducing F5 ASM into the enterprise infrastructure Developing an F5 ASM lifecycle to financial applications embedded in ASM
Support model developed for ASM

Technical environment

F5 ASM, JUNIPER SLL



From January 2017 to January 2018 - Architect IS ADP

Context: ORLY 4 data centre arrived from Greater Paris, RATP Line 14

Mission: ORLY 4 Infrastructure Management

ORLY 4 Infrastructure Management

Management and creation of infrastructures in 2 computer rooms: use of Autocad 2018 and Visio

20162 Deployment of AD Server, the Domain Controller option, the DNS server and the global catalog

Upgrade and replicate in PowerShell

Deploying and Configuring Checkpoint Firewalls

Maintaining the Storage Area on Veeam

Carry out POCs to validate solutions

Architecture and infrastructure design for Nav Blue applications based on AWS EKS

Implementation of an infra-code solution to automate the Ops solution

Support for the operational team in the adoption of Terraform, AWS (EKS, EC2, VPC, RDS, lambda, Route53, ELB, etc.), Kubernetes, Grafana and Jenkins solutions.

Technical environment

8-bay, 10-server, 200-server virtualized data centers on VMware+



From January 2016 to January 2017 - Architect SI CHANEL

Background: Network security and compliance objective for mail servers. A project to migrate a server and deploy Notes applications.

Missions:

Maintenance, administration of Windows 2010 R2 servers,

VMware site maintenance, remote control System administration: GLUSTERFS, apache, Post x

Tables IP DNS, MySQL, vsftpd, ssh, fail2ban

Technical environment

Storage management (22 CX storage arrays, Cèlera arrays, 1 Centera array, 480 TB of data, more than 150 servers connected to the SAN) Access to VPN use outside for sales staff



From January 2015 to January 2016 - Architect SI CREDIT AGRICOLE

Background: The goal is to ensure compliance with a new security, network, and system architecture

Missions:

Network System Administration

On-premises maintenance and deployment on VMware 5.5

Remote control with Director on users' workstations on Wyse terminals

Backup to bots extracted from network backup tapes

On-site installation and deployment of Visio for the new infrastructure network and migration of workstations to Windows 7 for users and Nagios for security alerts on infrared servers.

Implementation of the validation procedure for safeguarding the titles of the Phébus certification authority

Technical environment

Windows 2008 r2, Citrix, of this 365 ad



From January 2013 to January 2014 - IS Architect - LECLERC

Missions: System and Network Administration

Citrix XenApp 6.5 and 7.5 Server Maintenance. Farm Management, Windows 2008 Servers rd2 db2

Technical environment

Citrix xenapp , Windows 2008 servers

From January 2012 to January 2013 - HSBC IS Architect

Background: Network System Administration

Missions

Several projects have been carried out:

Implement a new Windows platform, Citrix, Virtualization, VMware 5.0 ESX Microsoft

Clustering

Isolating applications using Citrix Move

(data center move)

Migrating from Citrix 4.5 to 5.1

Backup architecture redesign

Network and Security System Administration

Project coordination - Project management assistance

Writing procedures and task sheets Failover tests on backup sites



From January 2011 to January 2012 - Societe Generale IS Architect

Missions: Administration of networks and security systems

Citrix XenApp 5 and 6.5 Server Maintenance and Lotus Mailbox Migration for All User Workstations Windows 2008 DB2 Server Support and Maintenance

Technical environment

Windows 2008, Citrix xenapp , IBM Lotus Server

Previous missions as an IS Architect

EUROCOPTER - 2009 / 2010

GENERAL COUNCIL - 2008 / 2009
3DS - 2007
NXP Philips - 2006
STERIA - 2005
Alcatel Space - 2004
COGEMA DAMICO - 2001 / 2003