

CURRICULUM VITAE

Firstname and lastname: Bruno DEMION (a.k.a. Milamber @ Apache Software Foundation)

Birthday and location: 07/09/1978 at Challans (France)

Profil : Manager, Senior Expert & IT Architect

Professional experience: 22 years in Internet Technologies

Nationality: French

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Main technical skills	
Performances (load tests)	Apache JMeter (<i>level expert, ASF PMC and release manager</i>)
Virtualization and Cloud solution	CLOUD : Apache CloudStack (ASF PMC), Amazon Web Services (EC2, VPC, RDS, S3, IAM, CloudFront, etc.), MS Azure VIRT : KVM (kernel virtual machine), Sun VirtualBox, VMware Open VZ and Docker/Kubernetes
Security	Disaster recovery / High availability solution Penetrations tests (<i>using OWASP or OSSTMM</i>), Firewalls (Linux Netfilter, Juniper, Cisco ASA), IDS (Snort), OpenVAS, nmap, Wireshark, Metasploit, WebScarab, BurpSuite, w3af, nikto, JbroFuzz, etc. OpenSSL et infrastructure PKI (<i>level expert</i>)
Application server (JEE)	WebSphere Application Server (cluster) (<i>certified and level expert</i>) and Portal Server, JBoss Application Server, Tomcat (<i>level expert</i>)
Monitoring	Zabbix (<i>certified, level expert</i>), Nagios/Centreon
Programming languages	JAVA / J2EE, Java Swing, Perl and Unix Shell script
Development tools	Eclipse, Rational Application Developer, SVN, GIT, Jira, Mantis, Bugzilla, Redmine
Database (DBA)	Oracle and MySQL (<i>level expert</i>)
LDAP	Tivoli Directory Server, OpenLDAP (<i>level expert</i>)
Web, Proxy / load balancer	Squid, Apache, HAProxy, Linux Virtual Server (LVS, IPVS), Heartbeat, Corosync
Operating systems (system administration)	GNU/Linux Debian (<i>certified expert</i>), Linux RedHat Enterprise Linux (<i>certified expert</i>), Linux Ubuntu Desktop & Server, Windows Server AIX, Solaris and FreeBSD (<i>intermediate level</i>)
Storage solution	Dell EqualLogic, CLVMd & Ceph
IT automation	Ansible
Network / protocols	TCP/IP, HTTP, HTTPS, SMTP, POP, SOAP et RMI

Apache Software Foundation Member http://www.apache.org/foundation/members.html Apache JMeter (load testing) et Apache CloudStack (IaaS) jmeter.apache.org / cloudstack.apache.org Email : milamber@apache.org Web : http://people.apache.org/~milamber/	
<i>Since 2013</i>	Developer on Apache CloudStack (actually PMC member) Fixing bugs on KVM visualization, localization of the Web UI, Automation for deploy CloudStack with Ansible (public version: https://github.com/milamberspace/ansible-cloudstack-ubuntu-aio)
<i>Since 2010/08</i>	Project Management Committer (PMC) on Apache JMeter
<i>2016</i>	Book on JMeter : Master Apache JMeter From load testing to DevOps https://leanpub.com/master-jmeter-from-load-test-to-devops/
<i>Since 2008 august</i>	Creator and member on Google Groups ' JMeter en français ' http://groups.google.com/group/jmeter-fr/ Nickname : <i>Milamber</i>
<i>Since 2008</i>	Contribution to Apache JMeter project <ul style="list-style-type: none"> • New features (HTTPS, IP Source, View results tree, etc.) • Fixing bugs • French translations • Release Manager since JMeter 2.5 (currently 2.13) Nickname : <i>Milamber on ASF bugzilla and mailing-list JMeter-dev</i>
<i>Since 2007</i>	Lot of tutorials on JMeter usages http://blog.milamberspace.net <i>(in French)</i> <i>(personal blog)</i>
<i>Since 2003</i>	Several missions with JMeter Some training sessions gives on JMeter

Education and qualifications

Stages

2012	Mule ESB essentials et advanced, FastConnect/MuleSoft, France
2008	Stage Quality Manager CMMI (level 3), SQLI
2005/2006	Several stages CMMI level 3 (for organization certification process), SQLI

Degree

1998	IT Technician (Bac+2), Technology University (IUT) Blagnac – Toulouse, France
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Certificates

2004	IBM WebSphere Application Server Administration (M340)
2004	IBM WebSphere Studio Application Developer (M285)
2010	Linux Professional Institute LPIC-1 (exams 101 and 102)
2012	IBM WebSphere Application Server Network Deployment V8.0 (000-317) (JAVA)
2016	CISA - Certified Information Systems Auditor
2019	Zabbix Certified Professional
2019	Zabbix Certified Specialist

Career History

<i>Since 2010</i>	Ahlane Technologies, Rabat, Morocco – CTO - IT Expert senior
<i>2008-2009</i>	SQLI Maroc, Casablanca, Morocco – Manager and expert
<i>2005-2007</i>	SQLI Maroc, Casablanca, Morocco – Technical expert and project manager
<i>2002-2005</i>	Lnet Multimedia Maroc, Casablanca, Morocco – Technical expert and Project manager
<i>2001-2002</i>	Transiciel Sud-Ouest, Toulouse, France – Project manager and Web architect
<i>1999-2001</i>	Lnet Multimedia, Poitiers, France – System architect and technical leader
<i>1998-1999</i>	Lnet Multimedia, Poitiers, France – System administrator and Web developer

Recent achievements

Office Chérifien des Phosphates (OCP), Deployment of logging solution based on ELK stack

2020

Senior Architect

- Ansible, ElasticSearch, Logstash, Kibana, LEEF/QRadar, F5 Big-IP, RedHat

Ayaline, Cloud migration (to OVH)

June-Dec 2019

Senior Architect

- Vmware, CloudStack, OVH, GLPI, Fusion Inventory

Banque Populaire, Casablanca, Technical management

Avril 2019-June

2019

Technical management on SPRINT project

- WebSphere AS, Webservices, Temenos T24, Oracle, Zabbix

Upline Securities, Casablanca, Auditing Trading software

May 2019

Vivalis Salaf, Casablanca, SecurityAudit for new digital agency on line

May 2019

Team management and technical export

- Security audit with OWASP testing guide

Facultés des Sciences, Tanger, Team management and CloudStack expert

Feb-June 2019

Design and deploy a Apache CloudStack infrastructure

- Dell, Ubuntu, CloudStack, NFS, MySQL, Ansible, Zabbix

Banque Atlantique (ABI), Abidjan, Ivory coast, Technical expert

Feb-March 2019

Expert Zabbix and JBoss

- Temenos R17, Jboss, Oracle, Zabbix, Solaris, Linux CentOS

CFAO Technologies/Al Salam Bank, Alger, Algeria, WebSphere Expert

Feb 2019

Training Administration WebSphere Application Server

- WebSphere, IHS, Temenos, TAFC

Résotic, France, Emailing platform migration

Dec 2018 -feb

2019

Team management

- OVH, Debian, Vmware, NFS, MySQL, ElasticSearch, Logstash, Kibana, Ansible

Banque Mondiale/MEFP, Dakar, Sénégal, Disaster recovery expert

July 2018 -april.

2019

- SAP, Oracle, WAS,, PRA, PCI, PRI

Banque Populaire, Casablanca, Troubleshooting expert

January 2019

- Jboss, IIS, WAS, Webservices, Oracle, Zabbix

Al Amana Microfinance, Rabat, Team management and monitoring expert

July 2018 - Dec

Deployment of Zabbix monitoring infrastructure

2018

Groupe Leclerc, France, Expertise Solutions Cloud & PerformancesMarch 2018-sept
2018

Expert Solutions & load testing

- Microsoft Azure (cloud), Docker, Swarm, Nginx, Drupal, Dynamics, MS SQL Server, Apache JMeter

Al Shore, Oujda, Team management

2018

Deployment of inventory solution GLPI / FusionInventory

- Windows, Linux, Dell, GLPI, FusionInventory, Ansible

Banque Populaire, Casablanca, WebSphere Expert

Feb-July 2018

Team management and WAS expert

- Windows Server, WebSphere Application Server 8.5, CTG 8.1, z/OS, T24, GitLab, Jenkins

Direction Générale des Impôts, Rabat, Seucirty and performance expert

March 2018

Troubleshooting

- WebSphere 8.5, SOAP/XML, TLS/SSL, Zabbix

Attijariwafa bank, Technical architect and team leader

February 2018

- WebSphere Application Server ND 8.5.5, AIX 7.1, LPAR, pSeries

Wafa Assurance, Casablanca, Team management and load testing expert

Jan-March 2018

- Tomcat (springboot), Informix, Apache Httpd, BIG-IP, Cisco

Vivalis Salaf, Casablanca, Auditing team leader and CISA auditor

December 2017

- WebSphere, CreditFlow, MSSQL

Al Amana Microfinance, Rabat, Team management and technical expert

Jan-March 2017

Disaster recovery plan for all solutions

Wafa Assurance, Casablanca, Load testing

August 2017

Performance expert

- Apache JMeter

SOTELMA, Bamako, Mali, Team leader and technical expert

April-May 2017

Infrastructure audits

- Windows, Linux, HP-UX, Dell et HP (serveurs et baies), GLPI, FusionInventory

Wafa Assurance, Casablanca, Deployment of monitoring solution Zabbix

Jan-Feb 2017

Team leader and technical expert

- Zabbix, Storage array EMC, Linux/Windows, Informix

Banque Populaire, Casablanca, JBoss expert

Nov-Dec 2016

Team management and technical expert

- WAS 7, JBoss EAP 7, JBoss Core Service 3, CTG 8.1, z/OS

Lnet Communication, Casablanca, CloudStack expert

July-Sept 2016 Design and deployment of Apache CloudStack solution

- Dell, Ubuntu, CloudStack, NFS, MySQL, Ansible

Wafa Assurance, Casablanca, Load testing expert

August-Oct 2016

- Apache JMeter, Zabbix

GDS France (Groupement des données sanitaires), Paris, CISA auditor and mission director

April-July 2016 Several (7) data centers audits in France

- CISA

Al Amana Microfinance, Rabat, Technical architect WebSphere

Feb-June 2016

- WebSphere 7, IBM HTTP Server, AS/400, Evolan, VMware

Direction Générale des Impôts, Rabat, Security and performance expert

March-Dec 2016 Team management

- WebSphere 8.5, SOAP/XML, TLS/SSL, Zabbix

Banque Populaire, Casablanca, WebSphere and troubleshooting expert

January 2016 WebSphere expert

- WAS 7, Axis, Webservices

Ayaline, France, Design and deployment of Apache CloudStack

Dec 2015 - May 2016 Team leader and technical expert

- Apache CloudStack, Ubuntu, KVM, NFS, MySQL, ElasticSearch, Logstash, Kibana, Switch Dell 4024, Ansible

OMPIC (office marocain de la propriété intellectuelle et commerciale), Casablanca, Performance expert

Sept. 2015 Team leader and auditor

March 2016

- Tomcat, Liferay, Oracle, MySQL, Webservices Axis)

Banque Mondiale/MEFP, Dakar Senegal, Security audit

March 2015 - Nov. 2016

- SAP, Oracle, WAS, Bullion, EMC storage

BETC, Paris, Performances Expert

July-August 2015 Load testing expert

- Apache JMeter

Banque de Maroc, Security audit

March-april 2015

- WebSphere, Tomcat, IHS, Apache Web, Oracle, Microfocus

Wana Corporate – INWI (telecom operator) Installation and configuration of Apache CloudStack 4.4

Feb 2015 Technical expert (5 days of work)

- On 4 hosts + mgr, installation and configuration of Apache CloudStack
- Templates Debian/CentOS with Cloud-init
- Basic Installation

CloudStack, Debian + backports, KVM, NFS storages

Wana Corporate – INWI (telecom operator) Physical to Virtual migration mission

Jan/June 2015 Technical expert (60 days of work)

- Migration of 60 physical host to a new VMware infrastructure (P2V, V2V and new installs)
- Domains: Mail (~20000 emails), Webhosting (~300 sites), DNS (~10 DNS SOA 100kreq/s)

VMWare, Debian, RedHat

World Bank / Ministry of Finance Senegal, Security Expert for disaster recovery

March 2015 to now Technical expert (40 days of work)

- Business impact analysis, risk management (MEHARI)
- Business continuity planning

SAP, Oracle, WAS, Bullion, EMC storage

BETC, Paris

June 2015 Performances expert (10 days of work)

- Load testing campaign
- Automated load tests and reports with Jenkins

JMeter, Jenkins

GDS France (group health data cattle for France) via SQLI, Paris

May/June 2015 Security expert and architect (30 days of work)

- Auditing hosting infrastructure for high availability
- Document review for compliance of security rules and policy (from Ministry of Agriculture France)

Ubuntu, VMWare, PostgreSQL, Apache, PHP

Morocco Bank (central bank of Morocco) via LMPS, Rabat

March/April 2015 Technical expert (15 days of work)

- Auditing central back solution for security, performance and best practices
- Code auditing (Java) for security

WebSphere, Tomcat, IHS, Apache Web, Oracle, Microfocus

Ayaline, France, hosting, Development cloud computing

Dec 2014 to now Technical expert

- Install and deploy a private development cloud computing
- Automation for deploy SaaS like Magento, Drupal, etc. with cloud-init and Ansible

Apache CloudStack, Ubuntu LTS, KVM, NFS & local storages

Veolia water (via SQLI), Paris

Sept/Nov 2014 Technical expert (15 days of work)

- Design new hosting solution for the Customer Portal over Amazon WS infrastructure
- Migration planning

Oracle EE, WebSphere, JBoss AS, Jahia to Amazon AWS (EC2, RDS, VPC, SNS, etc.)

Wafacash, Casablanca

August/Sept 2014 Performance expert (20 days of work)

- Load testing campaign on main platform

Apache JMeter, Microsoft WebServices (WFC), SQL Server

BETC, Paris (Danone customer solution www.dan-on.com)

June/Sept 2014 Technical expert (60 days of work)

- Installation and configuration of ontology solution on Amazon AWS
- Installation and configuration of Danone customer solution on Amazon AWS
- Automated with Ansible (VPC, EC2, RDS and inside all VMs)
- Over 50 virtual machines

Ansible, AWS, Tomcat, MongoDB, ElasticSearch, WebProtegé, MySQL RDS, Apache Httpd,

OpenLdap

Crédit Agricole Card Systems (CA-CP) / SQLI, Paris

Feb. 2014 WebSphere expert (10 days of work)

- Troubleshooting of automated deployment solution for WebSphere custom application

WebSphere, Windows Server

Banque Populaire (bank), Casablanca

Jan/March 2014 Technical expert and architect (50 days of work)

- Planning and deployment of JBoss solution
- JBoss training

JBoss EAP 6, IBM CTG, Windows, JBoss Operations Network

AVIVA (via SQLI), Paris

2013 WebSphere expert (20 days of work)

- Auditing central solution for availability issues

Cluster WebSphere (36 instances), Lotus Domino HTTP, MQSeries, DB2 on z/VSE

CNRA/RCAR (via IBM Morocco), Casablanca

2013 Performance expert (10 days of work)

- Load testing campaign on future platform for the central application

JMeter, IBM WebSphere Application Server, IBM FileNet, RedHat

Ayaline, France, hosting, Private cloud computing

Dec 2012 to now Technical expert

- Install and deploy a private cloud computing
- Failover tests, high-availability tests, crash tests

Apache CloudStack, CentOS, KVM, CLVM

Wana Corporate – INWI (telecom operator) Load tests on several Web applications

end 2012 Load tests expert (40 days of work)

- Several load tests
- Tuning JEE environment

Apache JMeter, Oracle SOA suite

Lydec, Casablanca, Website, Penetration tests

Juil-oct 2012 Security, technical expert

- Pentest on all websites

Backtrack, Nmap, Javascript, SQL, IBM HTTP Server, WebSphere, DB2

Banque Populaire, WebSphere Expert

Sept à Nov 2012 Technical expert WAS

- Tuning hosting infrastructure
- Load tests

WebSphere Application Server ND 7.0, AIX 7.1, LPAR, pSeries

Attijariwafa bank, Information system in point of sales, technical expert

Feb.-may 2012 Technical expert WAS

- Conception and design hosting infrastructure
- Install and Deployment

WebSphere Application Server ND 8.0, AIX 7.1, LPAR, pSeries

Trésorerie Générale du Royaume (TGR), Rabat, Morocco, IT Expert for new Moroccan Public Expense System (GID www.gid.gov.ma)

2008-2012 Technical architect and security expert (400 days of work)

- Design the physical and logical architecture (+45 physical servers and 15 logical services)
- Deployment of a public key infrastructure (pki) with OpenSSL/EJBCA
- Performance tests
- Internal penetration tests (security) on web applications.

RedHat and Ubuntu, KVM, Jboss, Oracle, Apache, OpenSSL, OpenLDAP, EJBCA, JMeter

Ayaline, France, e-Commerce website (GPDIS), load tests

2011 Load tests expert (40 days of work)

- Large load tests (7 M pages views per day)

JMeter, Apache, PHP, Varnish, Magento

Ayaline, France, e-Commerce website, platform installation

2011 IT Expert (40 days of work)
Installations and configuration large e-commerce website
Debian, Apache+PHP, Varnish, MySQL, Magento

Ayaline, France, Email solutions

2011 IT Expert (20 days of work)
Installation and configuration email platform for 90,000 emails
Migration from sendmail
Webmail RoundCube, SMTP Postfix, POP3/IMAP Dovecot, MySQL

Orange (France Telecom) JMeter training, Paris and Toulouse

2009-2011 Performance expert (4 x 5 days of works)
Training of JMeter for functional and load tests

Maroc Telecom, Rabat

2003 to 2012 WebSphere expert and security expert (+300 days of works)

- Installation, configuration, tuning, problem troubleshooting on IBM WebSphere platform
- Training WebSphere for local administrators
- Security audit (web apps)

Lydec, Casablanca

2003 to 2009 WebSphere Expert (50 days of works)

- Installation, configuration, tuning, problem troubleshooting on IBM WebSphere platform
- Training WebSphere for local administrators

Meditelcom, Casablanca

2003 to 2008 Project Manager and technical expert (~400 days of works)

- Several website projects
- Tuning expert for iPlanet, Java solutions
- Load tests with JMeter