

AINA Adéola Alain Patrick

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Network Engineer

IP Network Expert

Professional experiences

- **Since February 2016: Network Engineer at West and Central African Research and Education Network (WACREN).**
- **September 2014 - December 2015: Director Research and Innovation - AFRINIC**
- **Since January 2013: Consultant ICANN (DNSSEC Road show for Africa)**
- **Since January 2006: Consultant NSRC (Technical assistance - *Training*)**
- **January – August 2011: AFRINIC Acting CEO**
- **January 2006- August 2014: Special Projects Manager AFRINIC. Part Time**
- **Since January 2002: *TECHNOLOGIES RESEAUX & SOLUTIONS***
 - ❖ **Chief Technical Officer**
- **January 1999-December 2001: *ECOWAS COMPUTER CENTER***
 - ❖ **Network and databases Administrator.**
- **February 1996 – January 1999: *CAFÉ INFORMATIQUE TELECOM***
 - ❖ **Member of Network and telecommunications department**
 - ❖ **Internet backbone Administrator**

Other information.

- ❖ Member of Security and Stability Advisory Committee of ICANN. 2001-2015
(<https://www.icann.org/groups/ssac>)
- ❖ Member of Board of Trustees of Internet Society, 2011-2014
(<https://www.internetsociety.org/who-we-are/board-trustees>)
- ❖ Trusted Community Representative: Crypto Officer for root DNSSEC
(<https://www.root-dnssec.org/tcr/selection-2010/>)
- ❖ Trainer: DNS/ccTLD and DNSSEC workshops, (ICANN, ISOC, NSRC, and INTIF):
[<http://ws.edu.isoc.org/workshops/>]
- ❖ Track Leader: Infrastructure Réseaux IP, AFNOG 2003, 2004, 2005, 2006, 2007 and
Trainer (Scalable Internet Services), AFNOG 2001 Accra, Mai 2001, AFNOG 2000
Cape -Town 27 April to 5 May 2000. (www.ws.afnog.org)
- ❖ Trainer AFRINIC: Internet Number Resources management and IPv6
- ❖ ***Working languages: French, English.***

Some realized projects

- AFRICA DNSSEC Road Show (<http://dnssec-africa.org/>). On-going Project
- Domain Name (.GM) Transfer and Re-Delegation Project ID: P122402, **West Africa Regional Communication Infrastructure Program (WARCIP)**. On-going project. (Principal Engineer)
- Installation of a new registry for the country code «.ML» and migration of the current registry's data to the new. On-going project. (Principal Engineer)
- Elaboration of the National Strategy for the transition to IPv6 addressing for Burkina Faso (Contract No. 31/00/02/03/80/2015/00005). (Project manager) April-July 2015
- Technical assistance for the development of “.BJ” management framework and registry Tender. ARCEP-BENIN (Project Lead) October – December 2014
- Design of the registry model for “.BJ” and its implementation plan. Project E-Bénin (Project Manager) September 2013-June 2014
- Design and implementation of the new registry for “.GH” and migration from Ghana dot com to NITA. (Principal Engineer)
- Elaboration of the National Cybersecurity Plan for Burkina Faso. ARCEP Burkina-Faso (Consultant ITU) September 2010-March 2011

- Deployment of DNSSEC for Reverse DNS: DNSSEC zones signing at AFRINIC- (Project lead)
- Deployment of the Internet Number Resources Certification at AFRINIC: Set up of the RPKI (Resource Public Key Infrastructure). (Project lead)
- African Internet Exchange System (AXIS): Implementation of Internet Exchange Point in 30 African countries and Regional IXPs – (Trainer and Consultant)
- Design of the model of the new registry for “.ML” and implementation plan. (Consultant OIF)
- Deployment of Internet Exchange Point in HAITI: Implementation of IXPs and training BGP for ISPs members. (Team member)
- Implementation of Internet Exchange Point in Ivory Coast: Implementations of the IXP and training BGP to ISPs members. (Consultant)

Some Publications

More publications at: <https://www.linkedin.com/in/alain-aina-1060266>

- ✓ **A survey of anti-spam mechanisms and their usage from a Regional Internet Registry's perspective.** <http://ieeexplore.ieee.org/document/7530604/>
- ✓ **Challenges for a more secure and robust Internet.** Presented at AFNOG 2004 Dakar
- ✓ **Denial of Service Attacks (DOS): What they are and how to defend against them.** Presented at inaugural meeting of « African Network Operator Group » (AFNOG- www.afnog.org) on 6 May 2000 in Cape-Town
- ✓ **The need to popularize the Internet and its use in TOGO** released on the Internet (OTI) of Internet Society. November/December 1997

Education

█ **■■■■■ Université du Bénin – CAFMICRO LOME - (TOGO)**
Diplôme en Maintenance et analyse de Systèmes informatiques

█ **■■■■■ Université Nationale du Bénin - CPU (Collège Polytechnique Universitaire) Cotonou - (BENIN)**
DETS Electrique: Option Electronique Numérique.