



DNSSEC Activities in the African Region

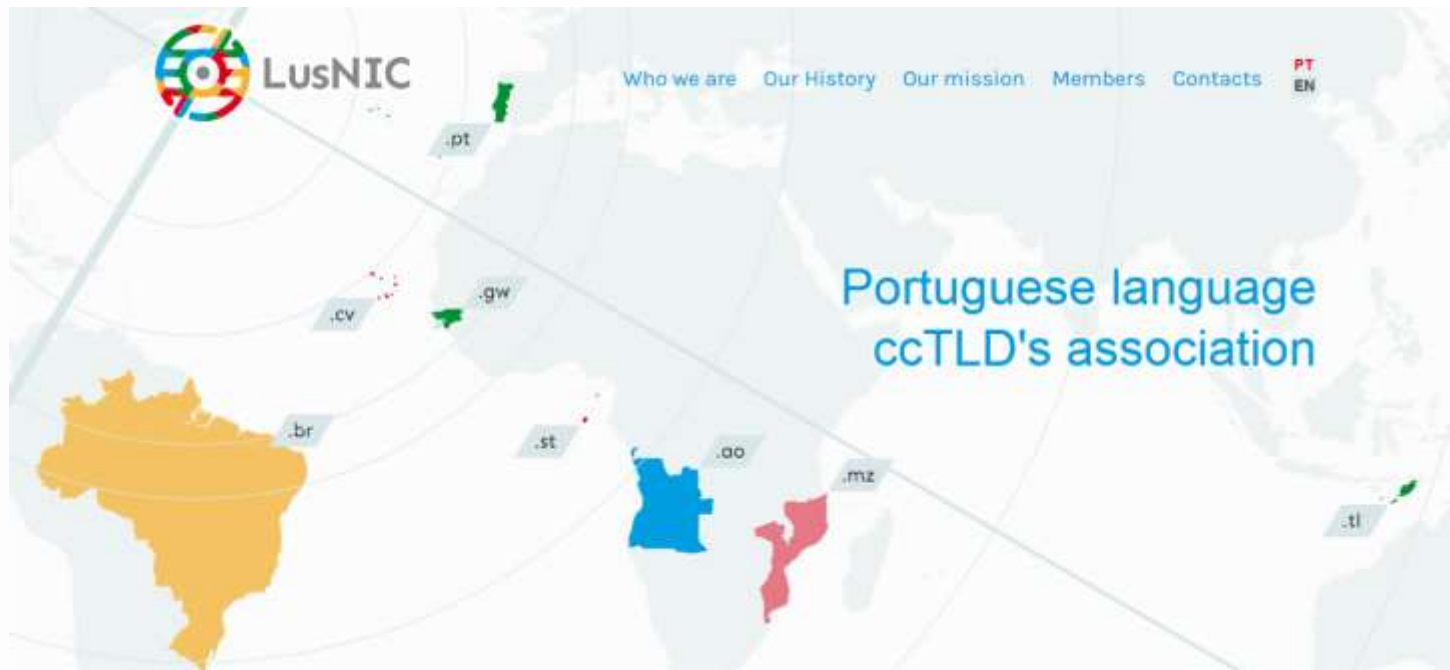
LusNIC, .AO, .CV and
.GW

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9th March 2016



- LusNIC has brought together the competent entities responsible for the management, registry, and maintenance of *country code Top Level Domains* (ccTLD) for Portuguese-speaking countries.



- To cooperate in building and sharing of knowledge in the areas of intervention of ccTLDs with regard to technical, security, legal matters and good practices, promoting these areas with actions focusing on training, exchange, and institutional visits.



LusNIC

<http://lusnic.org>

- DNS.PT succeeded to FCCN in the management of the Top Level Domain Name of Portugal, .PT, in 2013 and in consequence it also succeeded FCCN with the partnership with Faculdade de Engenharia da Universidade Agostinho Neto, assuming the technical management of Angola top-level domain, .AO, with IANA.
- In the end of 2015 there were 364 domain names registered under .AO.

14th to 18th September 2015

- In the aim of DNS.PT cooperation project with Portuguese-language top level domains, namely Angola, a "DNS Training" was held in Lisbon, at the DNS.PT premises.
- With the propose to improve DNS a DNSSEC knowledge it was giving a hands-on workshop as well.
- 6 participants, from CNTI (Centro Nacional de Tecnologias de Informação na Governmen) and UNINET (Universidade Agostinho Neto).

February 2010

- DNS.PT had managed the primary nameserver of .CV, Cape Verde ccTLD, until this date, when ANAC (Agência Nacional das Comunicações) assumed this management autonomously.

26th November 2010

- ANAC hosted a workshop in Cape Verde for local entities, “DNS from a technical standpoint and DNSSEC a safe approach” with DNS.PT cooperation.

11th to 14th February 2014

- DNS.PT held, in Lisbon, a “Training and DNSSEC setup in .CV and technical meetings” to ANAC technical staff. The .CV infrastructure was analyzed and a report was made in order to help ANAC to configure all the necessary adjustment to adopt DNSSEC.

10th July 2014

- ARN (Autoridade Reguladora Nacional - Tecnologias de Informação e Comunicação da Guiné-Bissau) is held responsible for managing the .GW top-level domain.
- This international delegation made by IANA - Internet Assigned Numbers Authority returns to the national authorities the responsible for the registration and management of .GW to the area of Guinea-Bissau.

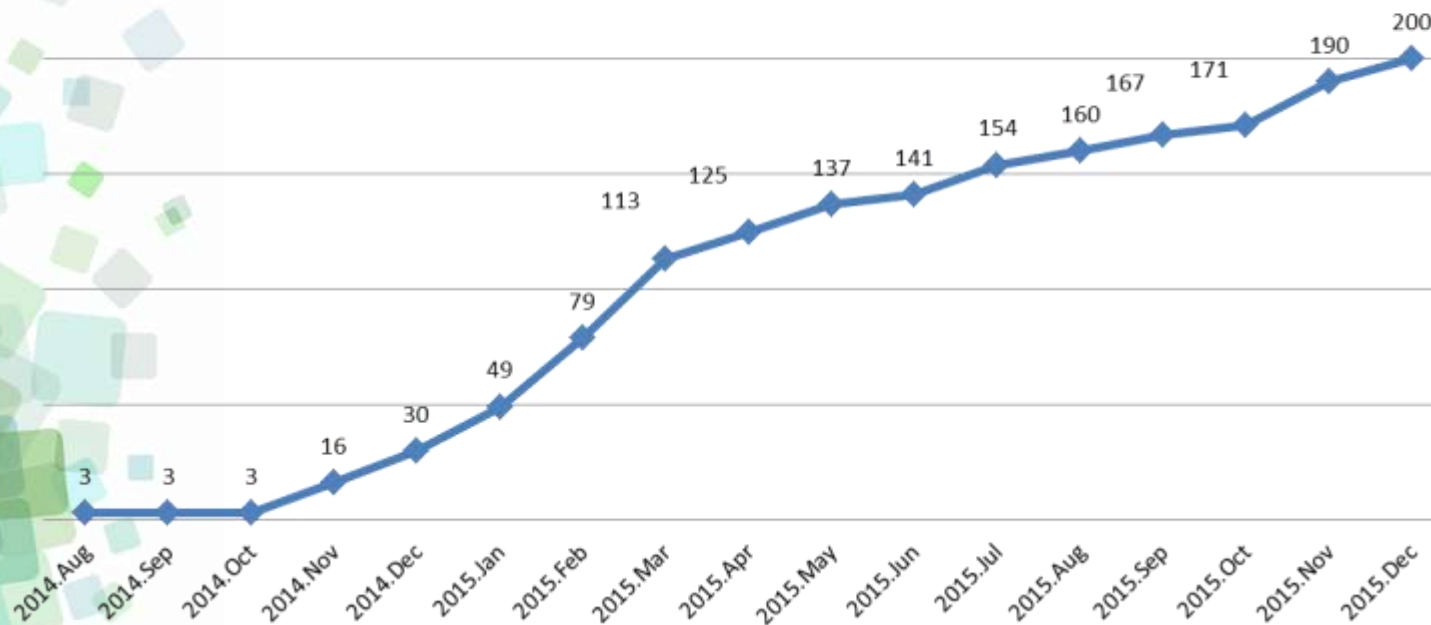
24th July 2014

- Under the cooperation agreement signed between DNS.PT and ARN, DNS.PT has been assuming the technical, administrative operation and legal management of domains registered under .GW.
- It was possible to establish partnerships with 15 national and international Registrars.

4th March 2016:

- Domain names registered under .GW: **238**

Total of domain names registered under .GW



11th February 2015

- .GW zone was signed with DNSSEC, still remaining to submit the DS resource record into the root zone.

28th May 2015

- ARN hosted a workshop in Guinea Bissau with the topic "Internet: DNS and DNSSEC security" lectured by DNS.PT employees, with the purpose of giving an overview of the Internet, particularly on the DNS matters and an analytical view of Cyber Security – DNSSEC (Domain Name System Security Extensions), and 42 participants were present.



Thanks!

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