A new Registry for Angola

Ambitions for Angola & Africa in the digital world

History of Internet in Angola

- Angola joins the Regional Information Society Network for Africa (RINAF) that was initiated in 1992 as a framework for UNESCO's support for African co-operation to promote academic and public sector computer networking.

- Considering that Angola had to involve itself in the PII (International Informatics Program) which included RINAF, a delegation from Agostinho Neto University attended the V session of the IIP committee where It presented a paper entitled "L'Informatique Dans Le Secteur Publique en Republique d'Angola".

- Pursuing this objective on 28th August 1996 Angola was formally and technically connected to the Internet with the support of Instituto Superior Técnico (IST) and of Fundação para a Computação Científica Nacional (FCCN) both from Portugal

State of Internet in Angola

- Domain registration started in 1997

  - Sub-domains classification ".co.ao" ".it.ao" ".gov.ao" ".ed.ao" ".pb.ao" ".og.ao"

  - Strong technical support from FCCN - Portugal

  - Hosting of the ".ao" root by FCCN

  - 700 domains are registered today

A new step for Angola

- Strong investments on the Internet

- Prices reduced by 50% for domain names registration

- Specific DNS support for Angolan engineers

- A will to enter international domain name market

- Launch of a new generation of Internet Services in Angola for ".it.ao" & ".co.ao"

- Promotion of peering links between operators

The development stages

- Beginning of study: february 2006

- International team involving 5 countries

  - Angola: funding and general direction

  - Portugal: technical support

  - France: team leading and consulting skills

  - Czech Republic: provider of the main Registry handling solution: FRED
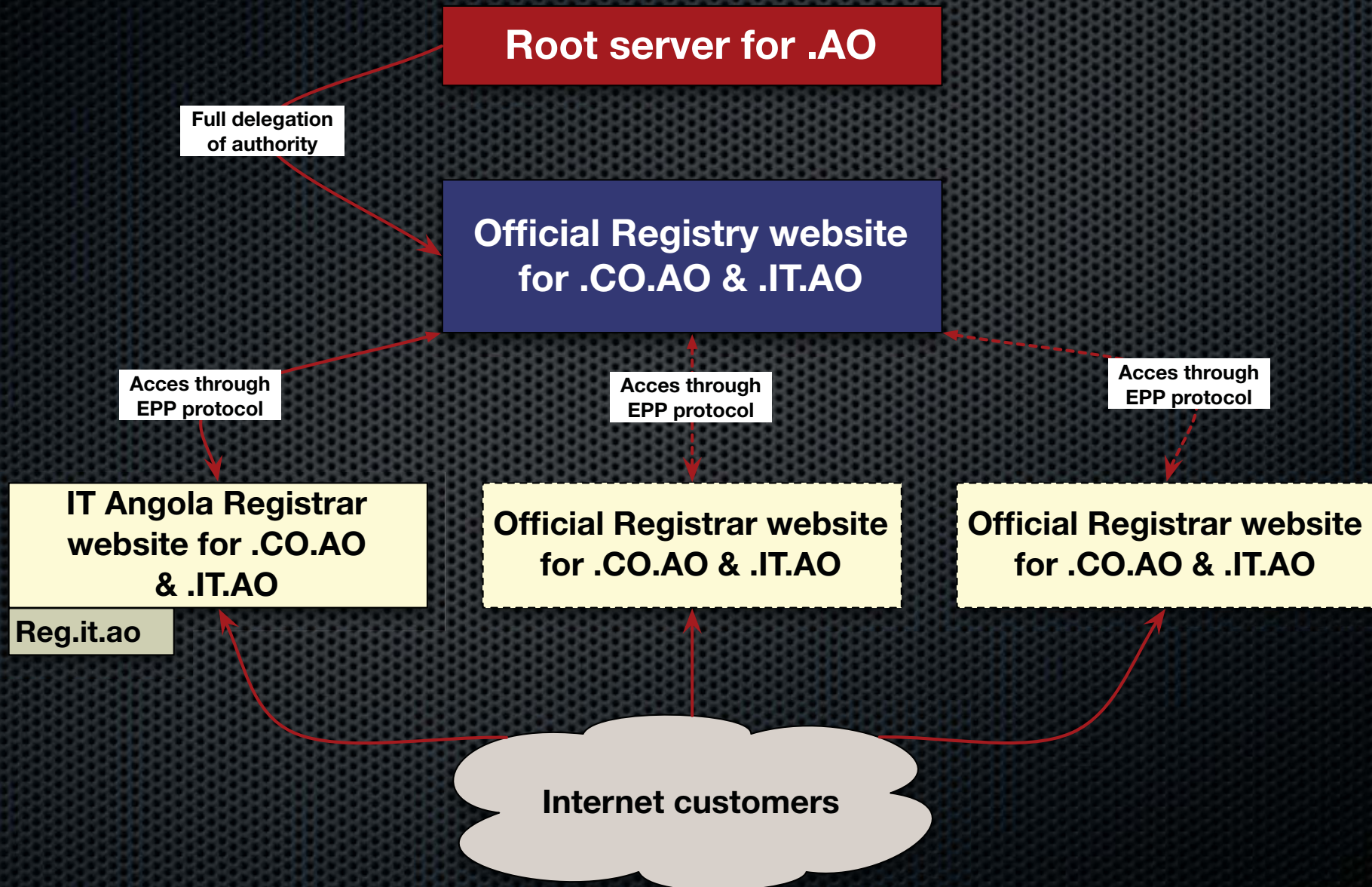
  - Poland: top developing skills

A quest for the best solution

- Selection of a high end Registry solution: FRED

- Development of a Java Connector to interconnect FRED with the Registrar

  - Integration of the EPP protocol (FRED style)

  - Java connector available as an Open-Source at www.afrinet.eu

- Development of the first Angolan Registrar

- A plan to add more Registrar in the near future

Organization of the components

Root server for .AO

Full delegation of authority

Official Registry website for .CO.AO & .IT.AO

Acces through EPP protocol

Acces through EPP protocol

Acces through EPP protocol

IT Angola Registrar website for .CO.AO & .IT.AO

Reg.it.ao

Official Registrar website for .CO.AO & .IT.AO

Official Registrar website for .CO.AO & .IT.AO

Internet customers

Launching schedule

regitao
The first Angolan Registar

* A testing version is already available online

* Live restricted deployment for testing in 3 weeks

* Launch in september at URL http://reg.it.ao

A testing version of the Solution…

Is already available online

A digital future for Angola

*   Partnership with local ISP's

*   New international connexion to the Internet

*   Development of a large scale hosting facility in Luanda

*   New products derived from domain name registration

    *   Mail services

    *   Hosting services

A digital future for Africa

* All African countries are most welcome to join this cooperation program

* Angola and the International partners can provide support for the implementation of a similar project

* Thank you very much for your attention