MANAGEMENT OF ccTLD AND DNS IN MALI

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AGENDA

I. CONTEXT OF IMPLANTATION OF IP NETWORK
II. HISTORY OF MANAGMENT OF ccTLD AND DNS
III. GOVERNMENT’S STATEGIE
VII. SOME REFLEXIONS
CONTEXT OF IMPLANTATION OF IP NETWORK

- Création of Malipac (e-mail off line) on 1993
- 1996 signature of agreement protocole « LELAND initiative »
- December 1996 connexion of NOC
- Avril-juin 1997 connexion of for first ISP (BINTA, CEFIB, Datatech, Spider)
- September 1997 inauguration of Internet in the country
- Novembre 1997 repatriation of the management of the TLD .ml
- Feb 2000 organisation of international conference of Bamako2000
- March 2001 program of extension of IP Network and création of LIR

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HISTORY OF MANAGEMENT OF ccTLD AND DNS

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Lawful environment

• Structur and delegation Request for Comment (RFC) 1591 – Mars 1994

• Hierarchisation and ccTLD two letters for codes of country in ISO – 3166

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A Domain name

Name → IP Address

dogon.sotelma.ml → 208.144.208.1

Translation of name and return and IP address

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HISTORY OF MANAGEMENT OF ccTLD AND DNS

• Technical management by ORSTOM since 1993
• Administrative management by CNRST
• NOC in the beginning with IP addresses of MCI (Initiative Leyland)
• January 1997 beginning of the negotiations for the repatriation of the management of the .ml
• Implication of ministry of communication mai 1997 for obtention of technical management of ccTLD
• Acceptation of IANA september 1997
HISTORY OF MANAGEMENT OF ccTLD AND DNS
(Suite)

- Technical Rapatriement of .ml *November 1997*
- 1998 – 1999 consultation with interested parties analyse of best practices in several countries
- December 1999 adoption of a charter of naming The existing names will be preserved
- The domain is hosted in the operator of telecommunication and there is no formal structure representing a NIC
- Inexistence of a automatic management of the delegation of domain names
- Registrations of domain are only from national’s structures
- The creation of second level is by opportunuity

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“Tree” of Domaine Names

Second Level

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Stratégies institutionnelles
Institutional strategies

• Creation of the Ministry for the Communication and the TIC
• Creation of a Mission of data processing and NTIC with premature changed by Agency
• Creation of departments of data processing in most of big institutions
• Installation of the governmental Intranet
• Presence of the civil society (ISOC, Enet)
  • Présence of private secteur (Tradepoint)
• Organization of tripartite meetings (administration, civil society, private sector)

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Institutional strategies(suite)

- No operational decree of delegation at the agency
- Creation of first level domain during election 2007
- Affecting the chart of domain names
- Now consultation for reorganization the structure of management of ccTLD with tripartite (administration, civil society, private sector)
It was

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It change to …

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And then to …

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What after ?? … 

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SOME REFLEXIONS

- Changing the charte
- Adoption of registry – registrar model
- Création of formal organism for management
- Automatization of recording
MERCI !!!

Questions ???

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