

Republic of Senegal
Ministry of Information, Communication
and Information Technology and
Communication

IPv6 Transition in Senegal

presented by

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PLANNING

- National Committee for IPv6 transition
- IPv6 situation in Senegal

- ❖ First meeting April 29, 2011

- ❖ Establishment of Committee :
 - ❖ Operators
 - ❖ Ministries
 - ❖ Public and private companies
 - ❖ universities

- ❖ Work Planning :
 - ❖ doing the inventory in July 2011
 - ❖ Establish a draft transition plan before October 2011
 - ❖ Evaluate the state of IPv6 deployment until December 2012.

- ❖ Under the supervision of MICOMTTIC a survey was conducted in public and private structures
- ❖ Purpose of survey: Identify needs for
 - ❖ Infrastructure
 - ❖ Security
 - ❖ Standard
 - ❖ Training

- ❖ Target of the investigation:
 - ❖ Operators
 - ❖ Ministries
 - ❖ Public and private companies
 - ❖ universities

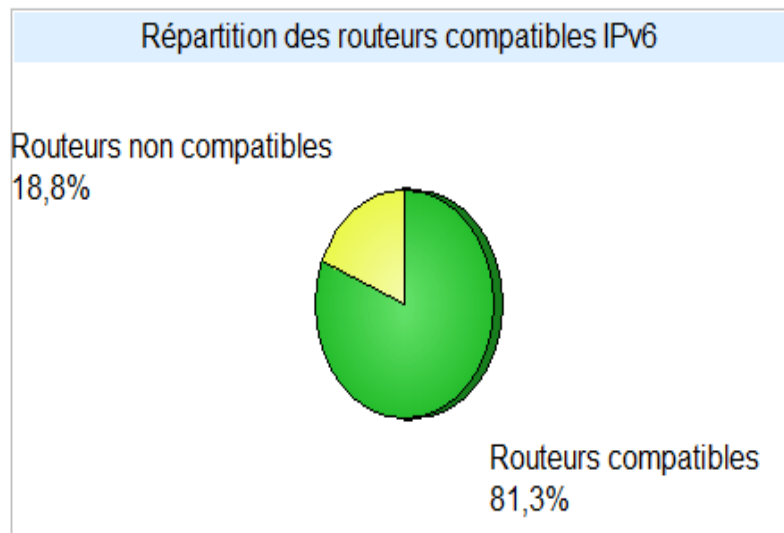
- ❖ Results:
 - ❖ Routers
 - ❖ OS and Applications
 - ❖ Networks
 - ❖ Security
 - ❖ training

- ❖ Among 29 structures, 23 completed the questionnaire, 79.3% of responses

❖ Routers :

→ IPv6 Compatible(81,3%)

→ No IPv6 support (18,8%)



❖ **OS and Applications**

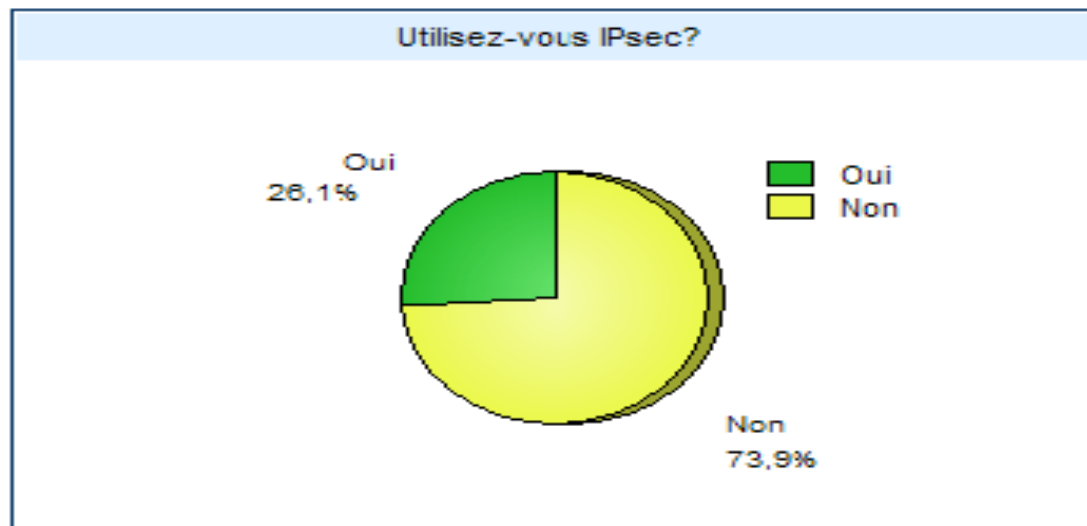
- Compatible OS are used (Windows 2003 and 2008 Server, Win7, Vista, XP, Ubuntu, Debian, Cent OS....)
- DBMS must be updated (Oracle 11g, SQL Server 2000 and 2005)

❖ Networks

- Domain names : tigo.sn, senelec.sn, artp.sn, espresso.sn, minsante.sn, primature.sn, gouv.sn, presidency.sn, adie.sn, arc.sn, sde.sn, apix.sn, micatti.gouv.sn, minfinances.sn, laposte.sn.
- These domain names must be set up to date for IPv6 support.

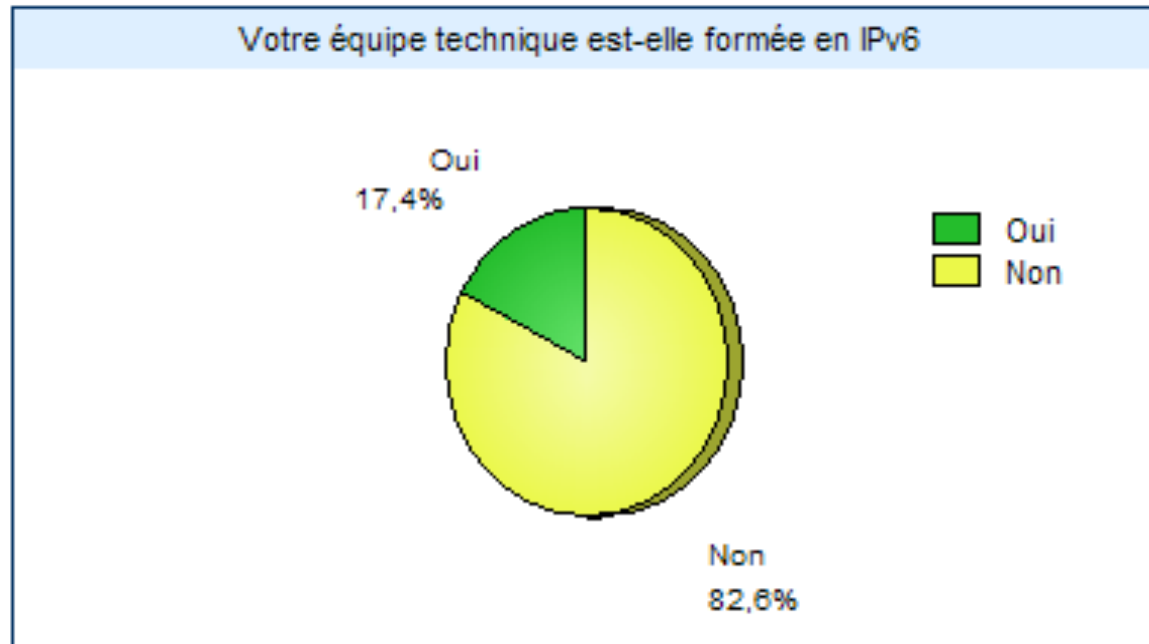
❖ Security

Among 23 structures, only 6(26 %) use IPsec.



❖ Training

Among 23 responses, only 4(17,4%) have done a training for IPv6.



- ❖ **Majority of equipment is compatible**
- ❖ **Training required for technical team**

THANKS!!