

AFIX-TF

TECHNICAL WORKSHOP REPORT (GABON)

I. Introduction

The African Internet Exchange Task Force (AFIX-TF) held a two-day technical training workshop in Libreville, Gabon, at “LABTIC” (Laboratoire des Technologies de l’Information et des Communications) from Monday 14 to Thursday 15 August 2006. Trainers: Alioune Badra Traore (from Mali), Cyriaque Kouma (from Gabon) & Didier Kasole (from DRC). This report is written by Didier Kasole, Workshop Team Leader.

II. Planned Outcome and Benefit

Participants at the Workshop will be able to establish an ISPA, establish and maintain an Internet Exchange Point. The implicit benefit of the workshop will be to establish technical cooperation between ISPs.

III. Workshop Structure

Day 1 AFIX

Session 0: Opening Session **09:30-11:00**

Cyriaque Kouma, chairman of AG3L (Gabon Free software association and the local host) did the official opening of the workshop. Didier Kasole presented AfrISPA’s perspectives. Mr Emile Onanga Anotho, advisor of Regulator GM presented the global view of ICT in Gabon as well as licence situation. After this session the 2 groups split.

Session 1: High-level Overview **11:30-13:00**

Presented by Alioune Badra Traore, this session provided a brief look at the history and current status of Internet and its architecture, and introduced some key concepts.

Session 2: Cost-savings exercise **13:00-14:00**

Presented by Didier Kasole, this session explores the cost-savings dynamics associated with participation in an IXP by an ISP, including the dynamics for the overall ISP market.

Session 3: Technical refresher (static & dynamic routing) 15:00-17:30

Presented by Cyriaque Kouma, this session refreshed the concepts of static and dynamic routing.

Day 2: AFIX

Session 4: Technical aspects of peering**09:00-13:00**

Presented by Didier Kasole assisted by Cyriaque and Alioune, this session focuses more closely on how to set up peering, giving more detail on BGP parameters and configuration. At the beginning we did a recapitulation of static and dynamic routing.

Session 6: Policies for Peering and Internet Exchanges**14:30-16:30**

Presented by Alioune Badra Traore, this session explores the most common issues around peering from an ISP policy point of view, and review some general conditions of and criteria for peering. During the session participants study three real-world examples of different bilateral and multilateral peering arrangements.

Session 8: Final exercise and wrap**16:30-17:30**

Presented by Didier Kasole, this session was a recapitulation of BGP configuration and parameters. Student setup many configurations using different interfaces.

IV. Participants attendees

	Name	Organization	Email	Phone
1	Oboumadzogo Lyne	AG3L Afrispa / Airtel	llyneoboumadzogo@yahoo.fr	+241 0695
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21	Lekuga Jutigael Mboudoubadi Jean Jacques	AG3L	jutais@caramail.com	+241 066
22	Fabien	AG3L	fabienmbon@yahoo.fr	+241 062
23	Kouma Cyriaque	AG3L	cyriaque@inet.ga	+241 062
24	Kasole Didier	Afrispa	didier@afrispa.org	+2439999
25	Hawa Diakite	Afrispa / Datatech Mali		
26	Ateme Monique	DGSI		
27	Mouyeye Emeline	AG3L		

V. Workshop Evaluation

In general, the assessments were favorable, 92 % of responding participants were very satisfied by the workshop.

	13 participants completed the evaluation forms	
On the Question: How useful did you find the workshop?	Very useful	13
	Somewhat useful	
	Not useful	
On the Question: How did it match your expectations? (Were the aims communicated in advance?)	Exceeded	2
	As expected	10
	Below	1

Individual evaluations of trainers

Trainer's name: Didier Kasole

Please rate the following on a scale of 1 to 5:

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.15
Presentation content	4.46
Handouts	3.77
Overall	4.23

Comment: Good trainer, very clear. Good initiatives for Africa

Trainer's name: Alioune Badra Traore

Please rate the following on a scale of 1 to 5:

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.31
Presentation content	4.46
Handouts	3.92
Overall	4.23

Comment: Good trainer.

Trainer's name: ___ Cyriaque Kouma ___

Please rate the following on a scale of 1 to 5:

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	3.91
Presentation content	4.00
Handouts	3.80
Overall	4.00

Comment: Good trainer, but need to be more clear

Overall Workshop Evaluation

How did you find the length of the workshop?	Too short	69%
	About right	31%
	Too long	0%
How did you find the pace of the workshop?	Too slow	0%
	About right	85%
	Too fast	15%
How satisfied were you with the organisation of the workshop?	Not satisfied	0%
	Somewhat satisfied	69%
	Very satisfied	31%
<p>Any other comments?</p> <ul style="list-style-type: none"> • Early notification for participants, e.g. one week. • Give handouts to participants before the workshop. • Plan more workshop for better development of Africa • I learnt too much from this workshop and believe in need of XP in Gabon, but how much time we will spend in discuss • More time for workshop • Very productive workshop • Open mind of instructors encourage us for an IXP 		

VI. Conclusion & follow up

69% of participants are somewhat satisfied and 31% are very satisfied, this is less satisfaction than previous workshops. Again the length of the workshop is a problem, 69% of participants find the workshop only 31% find it about right, participant want more time. All instructors are rated **4.XX**, only Cyrique was ranked **3.91** probably because it is his first participation as instructor. After the workshop, ISPs made decision to establish an IXP but location is not decide yet.