

AFIX-TF

TECHNICAL WORKSHOP REPORT (TOGO)

I. Introduction

The African Internet Exchange Task Force (AFIX-TF) held a two-day EN-ISPA workshop and a two-day technical training workshop (a short decision maker for all participants at the beginning) in Lome, Togo, at “CMTL training center” from Wednesday 19 to Thursday 20 april 2006. Trainers: Jean Robert Hountomey, Berthe Hawa Diakite & Didier Kasole. 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: Decision Maker

Session 0: Opening Session

09:00-09:30

Introduced by Victor Jean Robert (local host), the General Manager of CMTL did the official opening of the workshop. He mentioned during his speech the importance of an African Network and encourages AfrISPA initiative. Didier Kasole (Afix workshop coordinator Manager) presented AfrISPA’s perspectives.

Session 1 (d1 & d2): Intro & Case studies

09:30-11:00

This two sessions combined, provide a brief look at the history and current status of the Internet and its architecture, introduces (or refreshes) some key concepts and present same cases to highlight importance of collaboration for success. Presented by Didier Kasole.

Day 1 AFIX

Session t1: High-level aver view

11:15-13:30

During this session, Hawa Diakite presented the history and current status of the internet and its architecture, including the role of ISPs and the relationships between them. She introduced (or refresh) key concepts including those of transit and peering, as well as considering various options for peering architectures.

Session t3: Technical refresher (static & dynamic routing)14:30-15:30

Presented by Didier Kasole, this session refreshed the concepts of static and dynamic routing.

Session t3 (b): Technical refresher (router management)15:45-17:00

Presented by Jean Robert Hountomey, this session is a set of exercises on router management and configuration.

Day 2: AFIX

Session 4: Technical aspects of peering 09:00-11:00

Presented by Hawa Diakite, this session focuses more closely on how to set up peering, giving more detail on BGP parameters and configuration.

**Session 4: Technical aspects of peering (exercises) 11:15-15:00
(Including lunch brake)**

Presented by Jean Robert & Didier Kasole, this session was an exercise to setup an IXP and to dig BGP parameters. At the end of these sessions, participants setup a virtual IXP.

Session 7: Business aspects of Internet Exchanges 15:15-16:30

Presented by Matali Eddie, this session explores the business models applicable to an Internet Exchange, and the associated financial and business implications – including how to ensure financial sustainability and how to manage relationships.

Session 8: SIDA KTH perspective 16:30-17:00

At the end of the workshop, Didier Kasole presented SIDA KTH perspectives. This presentation was made by Godfrey Chikumbi.

IV. Participants attendees

	Nom et Prénoms	Company	Addresses
1	Dominique Domenyo DOE	Ecoband Networks	dominique@ecoband.net
2	Jules TOGNI	CAFE Informatique	tjules@cafe.tg
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9	Carlos GALLEY	Iserices	cgalley@iserices.tg
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11	Ayikido NOAGBOJI	CAFE Informatique	kido@cafe.tg
12	Kossivi DOKOUE	ART & P	kossivi.dokoue@artp.tg
13	Eric Osiakwan	Afrispa – En-isapa team leader	eric@afrispa.org
14	Olivier Nana Nzepa	En-Ispa Presenter	anais_ac@yahoo.fr
15	Matali Shabazz	En-Ispa Presenter	smatali@yahoo.fr
16	Yaovi	En-Ispa Presenter	yaovito@yahoo.fr
17	Dider KASole	Afrispa – AFIX team leader	Didier@afrispa.org
18	Berthe Hawa Diakite	AFIX Presenter	hawadiakite@hotmail.com
19	Jean Robert Hountomey	AFIX Presenter	robert@ecoband.net

V. Workshop Evaluation

In general, the assessments were favorable, 80 % of responding participants were very satisfied by the workshop.

	Six participants out of 12 completed the evaluation forms	
On the Question: How useful did you find the workshop?	Very useful	6 (100%)
	Somewhat useful	
	Not useful	
On the Question: How did it match your expectations? (Were the aims communicated in advance?)	Exceeded	
	As expected	6 (100%)
	Below	

Individual session evaluations and trainers evaluations

Session D1 & D2: Introduction & Case studies

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	4.43
Presentation content	4.50
Handouts	4.33
Overall	4.17

Comment:

Session T1: High Level Overview

Trainer's name: Berthe Hawa Diakite

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

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.00
Presentation content	4.00
Handouts	4.17
Overall	4.00

Comment:

Session T3: Technical refresher

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	4.17
Presentation content	4.33
Handouts	4.17
Overall	4.00

Comment:

Session T4: Technical aspects of Peering

Trainer's name: ___Berthe Hawa Diakite___

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

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.00
Presentation content	4.50
Handouts	4.17
Overall	4.17

Comment:

Session T4: Exercise (BGP configuration, set up an IXP)

Trainer's name: ___Jean Robert Hountomey & 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	4.40
Presentation content	4.60
Handouts	4.40
Overall	4.40

Comment: more exercises needed

Session T7: Business aspects of an IXP

Trainer's name: ___Matali Shabazz_____

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

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.50
Presentation content	4.50
Handouts	4.50
Overall	4.50

Comment: more exercises needed

Overall Workshop Evaluation

How did you find the length of the workshop?	Too short	60%
	About right	40%
	Too long	0%
How did you find the pace of the workshop?	Too slow	0%
	About right	67%
	Too fast	33%
How satisfied were you with the organisation of the workshop?	Not satisfied	0%
	Somewhat satisfied	20%
	Very satisfied	80%
Any other comments?		
<ul style="list-style-type: none"> We could do more, any way electricity blackout disturb us Too short notification to participant 		

VI. Conclusion & follow up

Since the third workshop higher than 80% (some time 100%) of participants are very satisfied. The length of the workshop still a big problem, 60% of participants find the workshop too short, but during this workshop participants was able to setup an IXP from scrasch 3 hours before the end. Well done Berthe Hawa Diakite who was rated 4.XX as othet instructors for her first presentation, other instructors started by 3.XX for their first presentation. Participants comment late notification, in the future we need to make sure that the host do all preparation as stated in the localhost requirement document. After Decision Maker session, ISPs made decision to establish an IXP, location will be decided later.