AFIX-TF

TECHNICAL WORKSHOP REPORT (GHANA)

I. Introduction

The African Internet Exchange Task Force (AFIX-TF) held a two-day technical training workshop in Accra Ghana at Koffi Annan Excellence Center on Sunday 16 october and Monday 17 october, 2005. Trainers: Jean Robert Hountomey, William Stucke & Didier Kasole. Report written by Didier Kasole Workshop team leader.

II. Planned Outcome and Benefit

Participants at the Workshop will be able to 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

Session 0: Opening Session   **9:30-10:00**
Afrispa and Catia introduction by William Stucke

Session 1: Technical refresh (Static & Dynamic Routing)10:00-13:00
Presented by William Stucke and Didier Kasole, this session provided a brief look at static and dynamic routing. Highlight the difference between IGP and EGP.

Session 2: Technical aspects of Peering   **14:00-16:00**
Presented by William Stucke and Jean Robert Hountomey, in this section we focus more closely on how to set up peering in practice

Session 3: Exercises   **16:00-17:30**
Presented by Jean Robert Hountomey & Didier Kasole, this session provides several exercises, which are the most significant part of the content.

Day 2:

Session 4: IXP Configuration   **09:30-17:30**

This session focuses more closely on how to set up peering, give more detail on BGP parameters and configuration.

IV. Participants attendees

Name	Surname	Organisation	E-mail
Alex	Sulzberger	Ecoband	sulzberger@ecoband.net
Anthony	Quarshie	InternetGhana	brando@ighmail.com
Bernard	Malm	IDN	bkmalm@idngh.com
Bruno	Chabi	Ecoband	bruno@ecoband.net
Charles	Yao	K-Net	charles@k5online.com
Charles	Kane	Netplux	kanecharles@yahoo.com
David	Saade	BusyInternet	david@busyinternet.com
Dennis	Brown	BusyInternet	dennis@busyinternet.com
Emile	Dogbe	Netplux	emko@netplux.com
Emmanuel	Loko	Ecoband	loko@ecoband.net
Eric	Prempeh	Africaonline	ericp@africaonline.com.gh
Frank Kuse	Atinako	Ncs	franko@ghana.com
Guido Sohne	Sohne	Sohne.net	guido@sohnet.net
Lameme	Tavich	ITS	laurence@itsgh.com
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R. J.	Honicty	UC Berkeley	honicky@cs.berkeley.edu
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Senanu	Afoh	InternetGhana	senafoh@ighmail.com
Thomas	Switala	K-Net	tswitala@k5online.com

V. Workshop Evaluation

In general, the assessments were favorable, with an overall average of 4.0 ("good") on the scale 1 to 5. 86 % of participants were very satisfied by the workshop.

	All 8 participants completed the evaluation forms	
On the Question: How useful did you find the workshop?	Very useful	12
	Somewhat useful	1
	Not useful	
On the Question: How did it match your expectations? (Were the aims communicated in advance?)	Exceeded	4
	As expected	9
	Below	

Individual session evaluations and trainers evaluations

Session 0: Introduction

Trainer's name: _William Stucke_____

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

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.33
Presentation content	4.42
Handouts	4.33
Overall	4.33

Session 1: Technical Refresh: Static & Dynamic routing

Trainer's name: __Didier Kasole & William Stucke____

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

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.11
Presentation content	4.56
Handouts	4.44
Overall	4.50

Session 2: Technical aspects of Peering

Trainer's name: ___Jean Robert & William___

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

	5 = Excellent, 4 = Good, 3 = Average, 2 = Poor, 1 = Very poor
Presentation skills	4.11
Presentation content	4.56
Handouts	4.22
Overall	4.38

Session 3: Exercises (Bgp, Ixp)

Trainer's name: ___Jean Robert & 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	4.42
Presentation content	4.42
Handouts	4.33
Overall	4.17

Overall Workshop Evaluation

How did you find the length of the workshop?	Too short	17%
	About right	67%
	Too long	17%
How did you find the pace of the workshop?	Too slow	17%
	About right	83%
	Too fast	0%
How satisfied were you with the organisation of the workshop?	Not satisfied	0%
	Somewhat satisfied	42%
	Very satisfied	58%
Any other comments? • This would be encouraged, usefull workshop • Would have appreciated a ore organised exercise lesson that we can follow through and practice. Information for exercises were scattered accross several places • Would like to participate to more meeting or workshop		

VI. Conclusion & follow up

After the previous workshop only 36% of participants was very satisfied, at this workshop it is increased to 86%. The pace was a big problem for this workshop so we will introduce a question on the evaluation about length of each session. A deposit was require by Customs to let us take the equipment out of Customs, so we need to check Customs constraints for each Country before shipping equipment.
As all ISP in Zambia have leased line to Telco and Telco is willing to host the exchange point, AFIX-TF need to keep in touch and help Zambia ISPs for the establishment of Scalable IXP.