

AfNOG-2012

Welcome to
Scalable Internet Services (SS-E)

Frank Kuse

What you will learn about

- **Building Domain Name Services using BIND**
- **Building Web Services using Apache**
- **Building AAA Services using FreeRADIUS**
- **Building SMTP Services using Exim MTA**
- **POP3 & IMAP Services**
- **Monitoring IP Services**
- **Virtualization**
- **Security**
- **Survey Link below**

<http://www.surveymonkey.com/s/8QNGCZZ>

Instructors

- **Joe Abley – Canada**
- **Joel Jaeggli – US**
- **Chris Wilson – UK**
- **Kevin Chege – Kenya**
- **Chimwemwe Frederick – Malawi**
- **Frank Kuse – Ghana**
- **Michuki Mwangi – Kenya**

Students

Name?

Organization?

Country?

Role?



Lectures

- Let us know...
 - If we speak too fast.
 - If you can't see, please draw our attention
 - If you don't understand please ask.
 - **If you have problems at home with your network. Feel free to bring it up.**
- **Please**
 - **Avoid checking mail, facebook & other social networking sites during lectures**
 - **Turn off all cell phones**
 - **PAY ATTENTION**

Time Table

- **Four sessions, two hours each**
 - 09:00- 10:30
 - 11:00 - 13:00
 - 14:00 - 16:00
 - 16:30 - 18:30
 - **About 1 hour for lunch - 13:00 to 14:00**
 - **Morning, afternoon breaks (15 minutes)**
 - 10:30 to 11:00
 - 16:00 to 16:30
 - **Normal evening sessions - 20:00 - 22:30**
 - **Dinner from 19:00 to 20:00**
- **Time table is available at**
<http://nwww.ws.afnog.org/afnog2012/sse/detail.html>

Meals

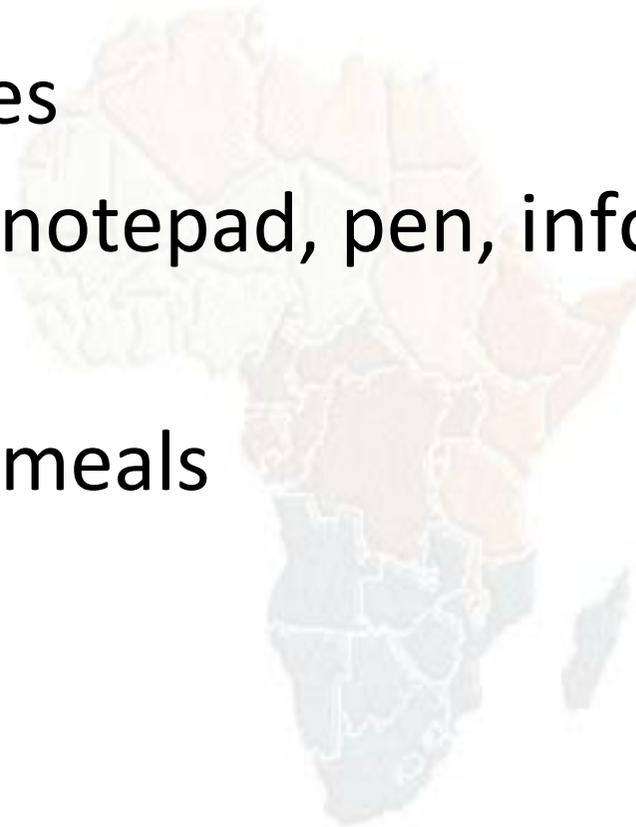
- Meals will be at the Kingfisher upstairs.
 - Breakfast - 7:00 to 8:00
 - Lunch - 13:00 to 14:00
 - Dinner - 19:00 to 20:00
- Tea breaks are served in the main entrance arena.
 - remember to be back in class on time from breaks

Extra Charges

- AfNOG will not pay for any extra charges on your hotel room, such as:
 - phone calls,
 - food and drinks (room service)
 - laundry

You should have received...

- Name badges
- Folder with notepad, pen, information pack
- Coupons for meals



You will receive...

- Books and FreeBSD CD-ROMs
- Workshop CD (Saturday/Sunday)
 - Share with your colleagues back at home.

Electronic Resources

- Web site (URL)
 - <http://www.afnog.org/>
 - <http://www.ws.afnog.org/>
- Mailing list
 - afnog@afnog.org
 - Subscribe via afnog-request@afnog.org

Safety

- Be very careful when moving about, so you don't:
 - trip on power cords
 - pull cables out of sockets
 - knock equipment off tables
 - fall from leaning back too far in your chair

Classroom

- 56 Servers – named vm01 – vm56
- Each Student has access to:
 - 1 server with FreeBSD-8.3 installed on it
 - 1 pc or your own notebook with ssh access to the AfNOG network
 - Windows = putty @ putty.org
- 196.200.219.0/24 Network IP address
 - IP Addresses for servers start from 196.200.219.1/24 for vm01 etc

Server Configuration

- FreeBSD-8.3 OS installed
- Keyboard is “universal” and setup is US
- login as “ @#%#” , password “ **XXXXXX**”
- “ **root**” password is “ **XXXXXX**”
- Don't change passwords
- Don't “ close security holes”

Evening Sessions

- Labs will be open from 8:00pm – 22:30pm for evening sessions



Any Question ?

