

AfNOG-2011

Welcome to
Scalable Internet Services (SS-E)

Ayitey Bulley

What you will learn about

- **The FreeBSD OS**
- **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**

Instructors

- **Joe Abley – Canada**
- **Ayitey Bulley – Ghana**
- **John Kemp – US**
- **Joel Jaeggli – US**
- **Frank Kuse – Ghana**
- **Michuki Mwangi – Kenya**
- **Chris Wilson – UK**



Students

Name?

Country?

Organization?

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

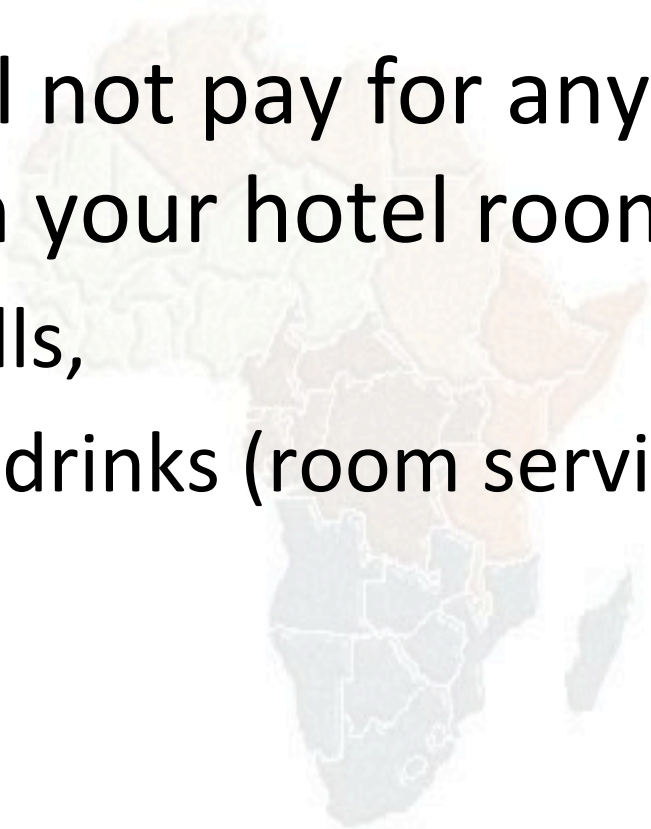
- **Four sessions, two hours each**
 - 08:45 - 10:45
 - 11:00 - 13:00
 - 14:15 - 16:15
 - 16:30 - 18:30
- **About 1 hour 15 minutes for lunch - 13:00 to 14:15**
- **Morning, afternoon breaks (15 minutes)**
 - 10:45 to 11:00
 - 16:15 to 16:30
- **Optional evening sessions - 20:00 - 22:00**
- **Dinner from 18:30 to 20:00**
- **Time table is available at**
<http://www.ws.afnog.org/afnog2011/sse/index.html>

Meals

- Meals will be at the Restaurant by the reception.
 - Breakfast - 6:00 to 8:00
 - Lunch - 13:00 to 14:15
 - Dinner - 18:30 to 20:00
- Tea breaks are served in the patio outside kobe1 & 2.
 - remember to be back in class on time from breaks

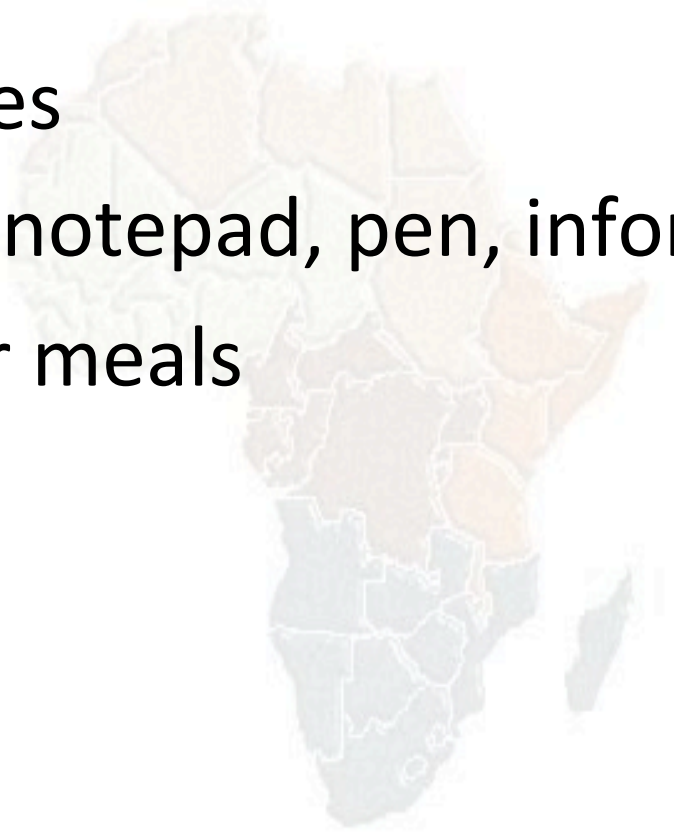
Extra Charges

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



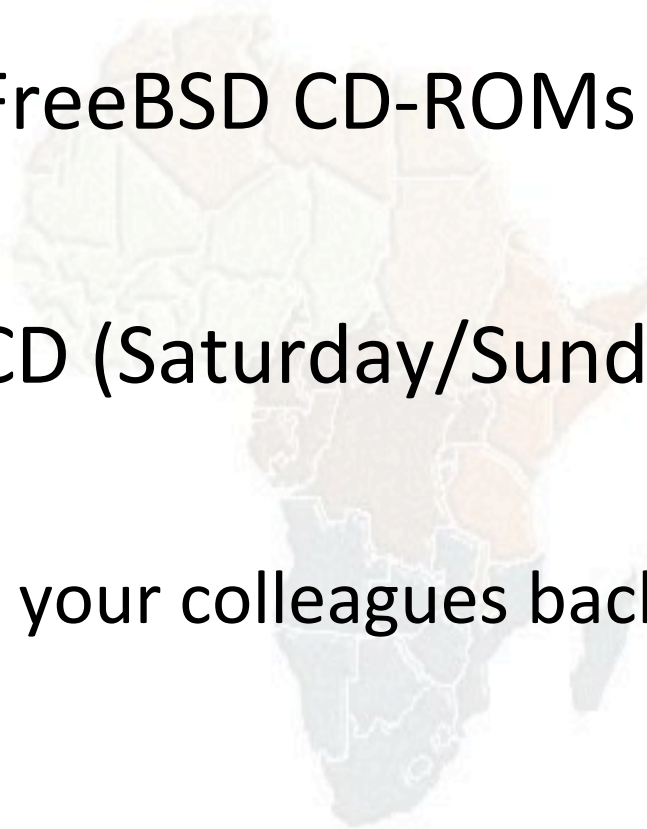
You should have received...

- 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

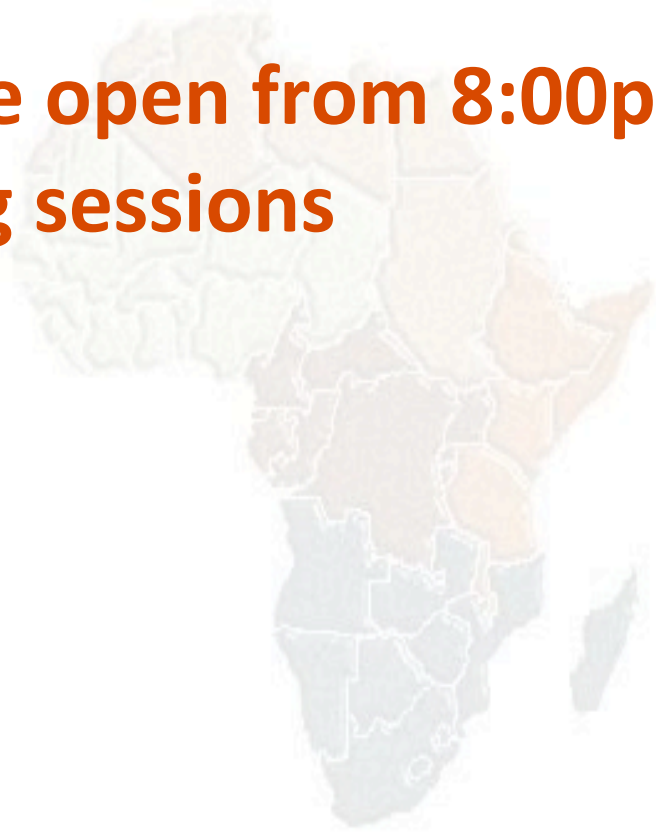
- 35 Servers – named pc01 – pc35
- Each Student has access to:
 - 1 server with FreeBSD-8.2 installed on it
 - 1 pc or your own notebook with ssh access to the AfNOG network
 - Windows = putty @ putty.org
- 196.200.219.0/24 Network IP address
 - IP Addresses for servers start from 196.200.219.1/24 for pc01 etc

Server Configuration

- FreeBSD-8.2 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 Questions

