

## AfNOG-2009

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Welcome to  
Scalable Internet Services (SS-E)

Ayitey Bulley

## What you will learn about

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- 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

## Instructors

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

## Students

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Name?

Organization?

Country?

Role?

## Lectures

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- 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 etc during lectures**
  - **Turn off all cell phones**
  - **PAY ATTENTION**

## Time Table

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- **Getting to Intercontinental from Holiday Inn**
  - Be Lazy and use Golf Carts from Holiday Inn
  - Get some exercise and do the 15 min walk
- **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**

## Meals

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- Breakfast downstairs in the Holiday Inn's Windows Restaurant.
  - 6:00 to 8:00
- Lunch at the InterContinental's Fayruz Lebanese Restaurant
  - 13:00 to 14:15
- Dinner at level 1 of the food court in the shopping mall... You are on your own.
  - 18:30 to 20:00
- Tea breaks are served in the Foyer of Montaza.
  - remember to be back in class on time from breaks

## Extra Charges

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- 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...

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- Name badges
- Folder with notepad, pen, information pack
- Money for dinner

## You will receive...

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

## Electronic Resources

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

## Safety

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- 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

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- 24 PCs - labelled 1 - 24
- Each Student has:
  - 1 PC with FreeBSD-7.1 installed on it
  - 1 ethernet cable to central switch
  - 196.200.219.0/24 Network IP address
  - IP Addresses for PCs start from 196.200.219.1/24

## PC Configuration

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- FreeBSD-7.1 OS installed
- Keyboard is “universal” and setup is US
- login as “@#%#” , password “xxxxx”
- “root” password is “xxxxx”
- Don't change passwords
- Don't “close security holes”

## Evening Sessions

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

## Any Questions

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