

## AfNOG-2008

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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
- Securing UNIX Servers & Services
- Monitoring IP Services

## Instructors

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- Joe Abley – Canada
- Ayitey Bulley – Ghana
- Phillip Hazel – UK
- Hari Kurup – Uganda
- Frank Kuse – Ghana
- Chris Wilson – UK

## Students

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## 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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- **Transportation**
  - 08:00 – First Bus to EMI
  - 08:15 – Second Bus to EMI
  - 20:45 – 1<sup>st</sup> Bus to Hotel
  - 21:00 – 2<sup>nd</sup> Bus to Hotel
- **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 mins 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 - 18:30 - 19:30
- Dinner from 19:30 to 20:30

## Meals

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- Breakfast downstairs in the Golden Tulip Farah Hotel restaurant.
- Lunch and dinner in the auditorium at the EMI.
  - Lunch 13:00 to 14:00
  - Dinner 19:30 to 20:30
- Tea breaks are served outside the classrooms
  - 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
- Meal tickets (distributed daily)

## 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.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-6.3 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-6.3 OS installed
- Keyboard setup is french, but can be switched to 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 6:30pm – 19:30pm for evening sessions

## Any Questions

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