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/8QNGCZZZ
Instructors

• Joe Abley – Canada
• Joel Jaeggli – US
• Chris Wilson – UK
• Kevin Chege – Kenya
• Chimwemwe Frederick – Malawi
• Frank Kuse – Ghana
• Michuki Mwangi – Kenya
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 ‘xxxxx’
- ‘root’ password is ‘xxxxx’
- 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?