



TRAINING AND DIRECT ENGINEERING ASSISTANT

VENUE: MZUMBER UNIVERSITY,
MOROGORO

DATE: 08TH – 12TH DEC, 2014



Outline

- Introduction and logistics
- DEA
 - goals and objectives



Introduction

○ Our Sponsors

- Tanzania Education and Research Network, TERNET
- International Network for the Availability of Scientific Publications, INASP
- Mzumbe University
- Network Startup Resource Center, NSRC
- Sokoine University of Agriculture, SUA



Introduction cont.

- Facilitators;
 - Damas Makweba, TERNET/DIT
 - Magesa Mihayo, TERNET
 - Juma Kilima, SUA
- Participants;
 - Let us be known to each other



Logistics

- Wireless Network
 - Connect to DEA 5 or DEA 2.5
 - Credentials 8 ten times
- Workshop server
 - Mac min server, real devices
- Workshop documentation
 - <https://web.nsrc.org/workshops/2014/ternet-mzumbe-cnd/wiki/Agenda>



Logistics cont.

○ General Schedule

- Session 1 (08:00 – 10:00)
 - Tea break (10:00 – 10:30)
- Session 2 (10:30 – 12:30)
 - Lunch (12:30 – 14:00)
- Session 3 (14:00 – 16:00)
 - Tea break (16:00 – 16:30)
- Session 4 (16:30 – 18:00)



DEA

- Five day hands-on technical training focused on campus network design and network monitoring and management towards Mzumbe University in Morogoro
- Goal
 - Training ICT technical team on how to design, build and secure scalable and sustainable campus networks



DEA cont.

- Goal

- Learn current best practices in designing and building hierarchical networks using layer 2 switches and layer 3 routers including where to route and where to switch in campus networks
- Learn how to own campus networks and do monitoring and management



DEA cont.

- Objectives

- Restructure campus network of Mzumbe university
- Deploy network monitoring and management tools



DEA cont.

- How to achieve;
 - Groups
 - Routing and Switching
 - Wireless
 - Monitoring and management



Question ?