



Kenya Methodist University

ICT and Library Collaboration

- Dspace IR was successfully upgraded from version 5.x to version 6.2
- The underlying OS was also upgraded from Ubuntu 12 to 16
- Dspace IR server is a virtual machine in the university data center
- Our data center runs VMware Esxi Hypervisor, which has made managing Dspace IR quite easy with the use of snapshots

ICT and Library Collaboration

- A cyber stack on the Dspace IR meant that we could use the data available on the server because we lacked a clean backup
- ICT team had to learn Dspace IR and library & repository terms on the go
- Dspace IR training held in KeMU was of great help to bring us up to speed on what repositories are all about

Who does what.....?

- Installations and customizations - **ICT Team**
- Maintaining, monitoring, optimizing and hardening the underlying OS including is upgrades, patches - **ICT Team**
- Dspace IR backups and snapshots - **ICT Team**
- **The Library team** handles the operational roles such as data uploads, user management, collections and communities.

The Main Challenges.....

1. Several Dspace IR installations suffered massive cyber-attacks & therefore failed due to misconfiguration in server OS
2. Technical capacity within the university to handle all aspects of institutional repository e.g. mostly customizations and branding

Offline Dspace IR.....

- KeMU Dspace IR is currently offline due a fault in our data center..... But once the fault is fixed it will be back online

For techies:

Make sure only required ports are open and make sure some services such as ssh and MySQL etc are only listening on the LAN interface and but remain closed on the public IP (internet facing interface) interface.

African nDigital Health Library (ADHL)

ADHL

<https://library.adhl.africa>

Central ADHL Node

Central ADHL

2018-10

Kenya Methodist University ADHL ICT Component

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African Digital Health Library (ADHL)

<http://library.adhl.africa/handle/123456789/4465>

Downloaded from African Digital Health Library (ADHL)