



AFRINIC to train network engineers. Registration is open for the AFRINIC INRM & IPv6 Training

Date: 28-31 October

Venue: Will be communicated to selected participants.

Registration: [Click here](#)

**AFRINIC Training Session
INRM and IPv6**

**BLANTYRE,
MALAWI
28 - 31 October 2013**

**LOCAL HOSTS:
MALAWI INTERNET SERVICE PROVIDERS' ASS. - MISPA
AND
MALAWI INTERNET EXCHANGE - MIX**

Course Deliverables:

Internet Number Resources Management Fundamentals - 1 Day

Describe the issues surrounding IPv4 depletion and the risks they pose for the continued evolution of the Internet.

Make a good case for why NAT is bad and not a sustainable solution to the problem of IPv4 depletion.

Plan their IP addressing needs and apply for the resources from AFRINIC.

Describe the policy development process, its importance and how to take part in it.

Describe the structure of the WHOIS database and its importance.

Identify the key objects of the WHOIS database and their attributes.

Create and manipulate objects in the Whois database.

Effect Whois database changes for allocations to customers.

Test their new IP address allocations

For more information, please visit:

<http://learn.afrinic.net>

Course Deliverables:

Understanding and Deploying IPv6: 3 Days

At the end of this workshop, participants will be able to:

Design an IPv6 address scheme for their organisations.

Configure IPv6 on Windows/Mac and Linux desktop operating systems.

Build a routed IPv6 network using both static routing and OSPFv3.

Configure tunnelling techniques to allow v6-capable sites talk to other v6 sites across a v4-only network.

Brainstorm solutions to issues holding back IPv6 in their organisations.

Target Audience:

Network engineers and systems administrators who understand how to design and build IPv4 networks.

Participants must already understand topics like:

1. The OSI model and the various protocols that operate at each layer.
2. IPv4 addressing and subnetting.
3. Intra-domain routing and OSPF.
4. Fundamentals of Inter-domain routing, BGP
5. Basic network services like DHCP and DNS.
6. How to use the command line interfaces of key routing platforms