



## INTERNET NUMBERS RESOURCE MANAGEMENT & IPv6 TRAINING IN DAR ES SALAAM, TANZANIA FROM 11<sup>th</sup> TO 14<sup>th</sup> NOVEMBER 2014

Tanzania Communications Regulatory Authority (TCRA), Tanzania Internet Service Providers Association (TISPA) and Tanzania Network Information Center (tzNIC) will jointly host the AfriNIC's Internet Numbers Resource Management (INRM) & IPv6 training course in Dar es Salaam, Tanzania at **Serena Hotel** from **11<sup>th</sup> to 14<sup>th</sup> November 2014**.

The main objective of the training is to build capacity of local Network Engineers in areas such as:

- Describing the issues surrounding IPv4 depletion and the risks they pose for the continued evolution of the Internet;
- Understanding why NAT is bad and not a sustainable solution to the problem of IPv4 depletion;
- Planning the IP addressing needs and applying for resources from AFRINIC;
- Describing the Afrinic's policy development process (PDP), its importance and how to take part in it;
- Designing an IPv6 address scheme for organisations;
- Configuring IPv6 on Windows/Mac and Linux operating systems;
- Building a routed IPv6 network using both static routing and OSPFv3;
- Configuring tunneling techniques to allow v6-capable sites talk to other v6 sites across a v4-only network;
- Brainstorming solutions to issues holding back IPv6 deployment and adoption in Tanzania.

### Prerequisite:

The training course is open to Network Engineers and System Administrators with prior knowledge on:

- The OSI model and the various protocols that operate at each layer;
- IPv4 addressing and subnetting;
- Intra-domain routing and OSPF;
- Fundamentals of Inter-domain routing with BGP;
- Basic network services like DHCP and DNS;
- How to use the command line interfaces of key routing platforms (e.g Cisco IOS).

### How to register:

You can register through the link

<http://meeting.afrinic.net/registration/en/content/training-services-registration-form-tanzania-11-14-november-2014>

### Training fee:

**FREE** of charge (Priority given to AfriNIC members)

*Note: Participants will have to make their own transport and accommodation arrangements.*

**Issued by the Organizing Committee**

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