



# THE REPUBLIC UNITED OF TANZANIA INSTITUTE OF ACCOUNTANCY ARUSHA



## IT BOOT CAMP ARUSHA, 16<sup>th</sup> – 21<sup>st</sup> OCTOBER, 2017

### 1.0 Overview

Due to the fast changing IT scenario, companies need to ensure that their employees go through quality training that provides cutting-edge knowledge, skills, and practical hands-on experience in a limited time frame. Considering time and budget constraints that most enterprises juggle with, Boot Camp has proven to be one of the most successful training formats for delivering comprehensive skills to IT professionals in the most cost & time-effective method as it focuses on teaching specific skills, tools and technologies over a limited time span in a zero-distraction environment.

Employing Boot Camp approach, IAA is expecting to hold a special ICT Boot Camp for **six days (morning to evening)** from **October 16<sup>th</sup>, 2017 to October 21<sup>st</sup>, 2017**. The venue for the Boot Camp will be at the **Institute of Accountancy Arusha (IAA)**

The fee for the Camp is **TZS 1,500,000/=** (one million five hundred thousand only) to cover for course materials, tea/coffee, and lunch. It does not include accommodation and transport cost. Payment may be in cash, cheque or TISS paid directly to our **Bank Account No. 014103007130** in the name of **Institute of Accountancy Arusha, NBC, Arusha Branch**.

**Note: The camp will run with the minimum of 3 participants and therefore early registration is highly encouraged and appreciated. Institution/Organization that will bring 5 or more participants will reap a discount of 10%.**

### 2.0 Course Content

The ICT Boot Camp will provide intensive practical training in the following specific areas:

- CCNA,
- MS Windows 2012 R2
- Active Directory (AD) and AD Infrastructure,
- Windows Server 2012 R2 Hyper-V
- Linux+ (UBUNTU SERVER) and
- Server security management.
- Cyberoam Firewall/ Router overview

## **MODULE 1: CCNA**

- Review of network fundamentals
- Understanding VLANs and Trunks
- Understanding the spanning tree protocol
- Configuring Basic STP
- Troubleshooting and Security Basic Practices
- Understanding VLSM
- Routing Protocols Concepts
- OSPF Concepts, Configuration and Troubleshooting
- EIGRP Concepts, Configuration and Troubleshooting
- ACLs concepts and Configuration
- Understanding NAT & its implementation styles
- Understanding PPP Authentication
- Understanding / Configuration of Frame relay
- Understand Basic Concepts and Addressing of IPV6
- Review of what we have covered.

## **MODULE 2: LINUX +**

- Linux server installation
- Network Infrastructure Services (DHCP, DNS, NAT, Firewall, OpenVPN e.t.c) Configuration
- Securing / Hardening the Linux server
- Virtualization and Container Management
- Backup and restore
- Testing and administration

## **MODULE 3: WINDOWS 2012 R2**

- Windows 2012 R2 Installation
- Network Infrastructure Configuration
- Virtualization via hyper V
- Securing windows 2012 R2
- Backup and restore
- Fine tuning and testing
- Administration.
- Understanding Active Directory 2012 r2
- AD infrastructure design, Implementation and management.

## **MODULE 4: Cyberoam Firewall/Router basics/ overview**

- Basic Internet Sharing Configuration
- Basic Firewall Network Filtering
- Basic Web Content Filtering
- Basic Apps Filtering
- Integration with Microsoft Active Directory / Unix Open Directory
- Hotspot System

### **FOR MORE DETAILS, YOU MAY CONTACT THE FOLLOWING:**

- **Course Director – Mr. Sifael Sabaya**

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- **Co-Course Director - Eng. Nicholaus Stanslaus**

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- **Course Administrator - Ms. Lilian Minja**

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