Draft 4 – Agenda For

SDNP .mw Registrar Workshop

Date: 7 September 2017   :   http://www.sdnp.registrar.mw/registrars.php

Venue: Bingu International Convention Centre, BICC, Lilongwe Malawi

TIME	TOPIC	Facilitators
08:00 – 08:30	**Registration**	
08:30 – 09:00	**Workshop opening**	
Session 1 9:00 – 10:00	**Overview: Domains, DNS, Registries, Registrars and Registrants** a. Domain names and Internet services b. How the DNS works – WHOIS c. Top level domains, TLDs, ccTLDs, delegation, ICANN d. Malawi SDNP, *.mw* ccTLD, legal and regulatory framework	
10:00 – 10:30	**TEA BREAK**	
Session 2 10:30 – 11:00	**Applying to become a .mw registrar** a. What is a registrar? b. Internet users, services, 2R and 3R registries c. EPP – Extensible Provisioning Protocol at registry d. EPP protocol, overview, summary of command groups a. Domain Registry systems globally and in Africa region	
Session 3 11:00 – 11:30	**Policy Framework for .mw domains** a. How to become a *.mw* domain registrar – online form b. Domain Registration Policy for .mw domains c. Registrar Accreditation Policy on *.mw* ccTLD d. Registrar Agreement on .mw ccTLD e. Fees Policy at .mw Registry f. Registrant Agreement	
Session 4 11:30 – 12:30	**How to grow the domain name industry in Malawi** a. Domain names and registrar business in Malawi b. How to become a .mw domain registrar – online form c. Example of a successful registrar – Lexsynergy d. Rising to become an ICANN accredited registrar e. Marketing domain names – adding value f. Forming an Association of Registrars – DRAKE - DRAMW	

12:30 – 13:30	**LUNCH & NETWORKING**	
Session 5 13:30 – 14:00	**FRED registry and DNS operations** a. Global DNS system and operation b. BIND server – DNS, zones and zone files c. Other DNS servers – discussion d. FRED Registry and Automatic Zone Generation e. DNS propagation	

Session 6
14:00 – 15:00
	Conducting EPP connections – Registry / Server Side
	a. Requirements for registering a domain on *.mw* registry
	   - Contacts, handles, nssets, DNS servers, WHOIS
	b. Requirements for a registrar to connect to *.mw* registry
	   - Registrar Handle, Username and EPP Password
	   - SSL, Private Key and Digital Certificate
	c. SDNP certification Authority
	d. LINUX operating system tools for Registrars, SSL, HTTP	

15:00 – 15:15	**TEA BREAK**	
Session 7 15:15 – 16:30	**1. Conducting EPP connections – Registrar / Client Side – Practical / Demo** a. *fred-client* – Downloading the EPP client b. Configuring the EPP client c. Making EPP connections d. Displaying the XML syntax of the EPP command e. Building a Registrar Website with *fred-client* as backend f. Security 2. Building your own EPP client 3. Transferring your current .mw domains to you to manage as a Registrar over EPP connections	
Session 8 16:00 – 16:30	**Workshop evaluation**	
16:30 – 17:00	**Closure of Workshop**	