

INTRODUCTION TO .ng

.ng is the acronym assigned to Nigeria by the International Standard Organization in its bid to provide a two letter word naming convention to countries across the globe.

.ng is Nigeria's country code Top level Domain name (ccTLD) derived from the acronym **ng** above, and it is assigned to Nigeria by ICANN. As such we can say that .ng is the Flag of Nigeria & its unique identity on the cyberspace.

Nigeria Internet Registration Association (NiRA) is the Registry to the .ng domain name and it is charged with the responsibility of managing & maintaining the database of names registered under the .ng ccTLD.

Why .ng



.ng is our National resource that we all need to patronize and promote. The following are few advantages of .ng ccTLD compared to other ccTLD 's and gTLD's

- ❖ Security: increases the confidence of people doing business with you as a Nigerian organisation
- ❖ Reduction of capital flight
- ❖ Promoting local content and creating room for entrepreneurs
- ❖ Gives room for simplicity: Allow you to maintain a short and easy way to remember domain names
- ❖ Higher Ranking on Search Engines i.e Google
- ❖ Develop Nigeria's ICT infrastructure



NiRA's Operations

NiRA operates the 3R Model, i.e the Registry, Registrar and Registrant in the operation and management of the .ng ccTLD. This means that NiRA does not handle the registration of domain names directly. Registrations can only be done through NiRA accredited Registrars.

The Registrars are certified by NiRA to facilitate the registration, transfer, renewal and modification of registration data for registrants.

NOTE: Registrars are allowed to appoint re-sellers for their operations.



.ng Zones

Presently .ng has 10 zones listed below: .org.ng, .com.ng, .gov.ng, .mil.ng, .edu.ng, .sch.ng, .net.ng, .mobi.ng, .i.ng, .name.ng. The above Zones are classified into Opened and Closed Zones.

Open Zone's

DOMAIN	SLD PURPOSE	CLASSIFICATION
com.ng	Commercial entities and purposes	Open
name.ng	Personal names	Open
org.ng	Not-for-profit entities	Open
mobi.ng	For mobile devices meeting .mobiTLD standards	Open
i.ng		Open

Note: Open zones can be registered without the intervention of NiRA as long as the names are not premium, geonames, reserved, porno, etc

CLOSED Zone's



DOMAIN	SLD PURPOSE	CLASSIFICATION
edu.ng	Higher educational institutions	Closed
net.ng	ISP's and Telco's infrastructure	Closed
sch.ng	Other Academic institution	Closed and at regional level
gov.ng	National, regional, and local government bodies and agencies	Closed
mil.ng	Military and related purposes	Closed

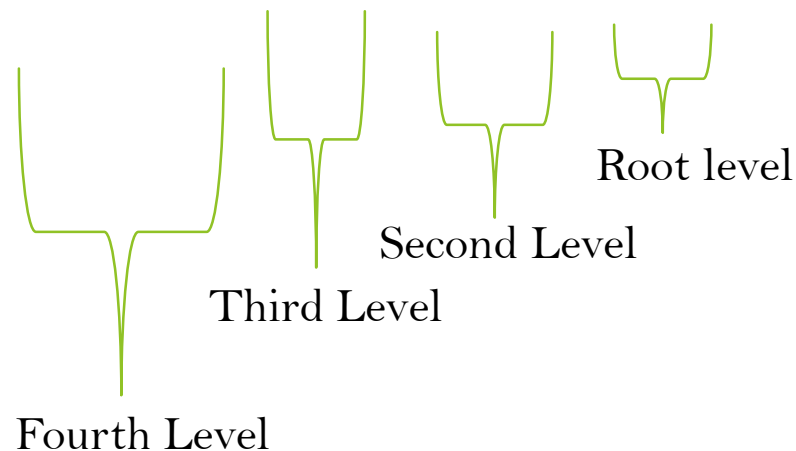
NOTE: Closed Zones are restricted , they can only be registered upon NiRA's approval.

Domain Registration

Domain names are organized in hierarchies (levels). They can be registered at any level below the root level.

NiRA presently supports registration on three levels either at the second, third or fourth level depending on the registrant choice provided the names conform to NiRA's policy.

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IP address, DNS and Domain name?

An IP (Internet Protocol) address is a 32-bit numeric address written as four numbers separated by period's (.) e.g 41.85.205.4. It is the unique identifier of any Internet resource or service such as a computer, a website, etc.

With the growth of the internet, it became difficult for people to remember IP addresses of resources on the internet. A solution to the problem was the introduction of DNS (Domain name system) which translate/resolve a user-friendly/easy to remember characters or word called domain name (eg. nira.org.ng) into an IP address (e.g 41.85.192.4).



The DNS perform resolution in two ways:

Forward lookup/resolution entails translating /resolving IP addresses of a resource/node into names, and

Reverse DNS lookup/resolution: entails translating names into IP addresses (i.e. determining the IP address associated with a domain name).

DNS today is the technology that makes it easy for the majority of us to easily remember domain names rather than their corresponding IP's e.g yahoo.com, rather than 206.190.36.45.

Thank you!!

