AFRINIC, the African Network Information Centre, is one of the five Regional Internet Registries in the world, ensuring a fair management and distribution of Internet number resources in the African region.

Like the other four Regional Internet Registries, AFRINIC is a member of the Number Resources Organization and operates as a non-governmental and not-for-profit member based organisation.

Our Vision

Be the leading force in growing the internet for Africa's sustainable development.

Our Mission

To serve the African community by providing professional and efficient management of Internet number resources, supporting Internet technology usage and development, and promoting a participatory and multi-stakeholder approach to Internet self governance.

Our Core Values

- Community driven
- Operational excellence
- Passion
- Innovation & Creativity

Our Key Services

- Distribution and Management of Internet Protocol Addresses and Autonomous System Numbers
- Oversight on Policy Development and Implementation
- IP related training and other educational opportunities
- Public Whois Database for IP resource Registration

OUR SERVICES

TRAINING

Our training programme provides the knowledge and skills necessary to plan for, request and manage Internet number resources, deploy IPv6 networks and implement supporting technologies for an effective Internet Infrastructure in Africa. The programme is regularly reviewed to meet emerging developments and industry needs.

COMMUNITY SUPPORT AND OUTREACH

IPV6 PROGRAMME

The impending exhaustion of IPv4 in Africa accentuates the importance of embracing IPv6 to ensure the stability and resiliency of the Internet. AFRINIC has been at the centre of IPv6 adoption and deployment in the African region. Backed by an active IPv6 programme, AFRINIC has contributed to the setup of the African IPv6 Taskforce

INFRASTRUCTURE DEVELOPMENT AND SUPPORT

AFRINIC is committed to the development of Internet infrastructure in the African region. By lobbying public and private sector actors and organisations, AFRINIC has been at the forefront of developing and providing accessible, stable, and reliable Internet in the region. AFRINIC runs numerous projects to this effect

DNS PROGRAMME

AFRINIC is running a DNS programme designed to improve the overall performance and visibility of Internet exchange points (IXPs).

DOMAIN NAME SYSTEM SECURITY EXTENSION (DNSSEC)

AFRINIC manages and publishes reverse DNS (RDNS) zone data for the IP space allocated or assigned to members. By deploying DNSSEC, AFRINIC signs these reverse zones which allow members to send the Delegation Signer (DS) records to build a chain of trust.

RESOURCE PUBLIC KEY INFRASTRUCTURE (RPKI)

AFRINIC hosts a RPKI service through the MyAFRINIC portal to be expanded over time in a phased deployment plan. RPKI helps to prove Internet number resources ownership and to secure the Internet routing infrastructure.

ACTIVITIES

MEETINGS

AFRINIC's bi-annual Open Public Policy meetings are held in different countries in the African region. They provide an opportunity for the community to participate in knowledge sharing, social networking and policy discussions.

POLICY DEVELOPMENT PROCESS

AFRINIC's policies are developed by the community through a bottom-up process of consultation and consensus.
The discussions, conducted via both public meetings and e-mail discussion lists are open to all without any precondition.

INTERNET GOVERNANCE

AFRINIC is an active player in the promotion of Internet governance. To enhance the use and growth of the Internet in the African region, it has set up the AFRINIC Government Working Group to provide a dynamic framework to strengthen collaboration between AFRINIC, African governments and regulators.

AFRINIC MILESTONES

- 1997 – Proposal for a Regional Internet Registry for Africa submitted during the INET workshop in Malaysia

- 1998 – Setting up of a steering committee after consultations on AFRINIC's structure and proposed business plan

- 2000 – First AFRINIC observers appointed to the ASO – AC (Address Supporting Organisation Address Council).

- 2001- Initial Board of Trustees appointed, based on a sub-regional representation. The first Board was chaired by Dr. Nii Quaynor with the mission to formalise the organisation and work towards its accreditation as a Regional Internet Registry.

- 2004 – AFRINIC incorporated in Mauritius and holds in first Public Policy Meeting in Dakar

- 2005 – ICANN grants AFRINIC accreditation as the fifth Regional Internet Registry.

During its setup AFRINIC received support from several organisations. The Governments of South Africa, Egypt and Mauritius funded the initial setup and provided invaluable support during the incubation period. AFRINIC currently has over 1300 members across Africa.

STRUCTURE

The AFRINIC organisational structure is reflective of the organisation's appreciation of a bottom-up, participatory process in which its policies and functions are determined by members and the community in general. At the top of the AFRINIC organisational apex sits the members. This is reinforced by a nine-member Board of Directors. Six of the directors are elected to represent the different sub - regions, namely Northern Africa, Western Africa, Central Africa, Southern Africa, Eastern Africa, and Indian Ocean while two directors are elected to serve on the Board based solely on competency as opposed to regional representation. The last seat on the Board is filled by the Chief Executive Officer.

AFRINIC IN AFRICA

AFRINIC IN MAURITIUS
AFRINIC is headquartered in Cybercity, Ebene, since 2005.

AFRINIC IN SOUTH AFRICA
AFRINIC's primary network and server infrastructure in Johannesburg is supported by Internet Solutions (SA) Pty Ltd. AFRINIC also maintains a presence at the Johannesburg Internet Exchange (JINX).

AFRINIC's backup and disaster recovery infrastructure is located in Cape Town and supported by Teraco Data Environments and Optinet.

AFRINIC PARTNERS

AFRINIC works closely with various regional and international partners. As part of the global Internet Resource Management system, AFRINIC has strong partnerships with the other four Regional Internet Registries:

- APNIC
- ARIN
- LACNIC
- RIPE NCC

AFRINIC also partners with other leading organisations such as:

- Internet Assigned Numbers Authority (IANA)

- Internet Corporation for Assigned Names and Numbers (ICANN)

- Internet Engineering Task Force (IETF)

- Internet Society (ISOC)

In addition, AFRINIC is a sector member of the International Telecommunications Union Development - ITU-D. Regionally, AFRINIC collaborates with other African organisations also known as the AF* such as AfNOG, AfTLD, ISOC and the Association of African Universities - AAU.

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