AFRINIC Report
ARIN 51

James CHIRWA
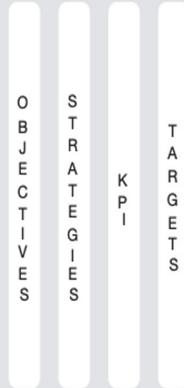**Head of Member Services,**

18 April 2023

Agenda

- **2021-2023 Strategic Pillars**

- **Registry Services**

- **Policy Development**

- **Technical Developments**

- **Capacity Building**

- **Engagements**

2021-2023 Strategic Pillars

The AFRINIC 2021-2023 Strategy rests upon 4 Drivers and 15 Focus Areas:

		OBJECTIVES	STRATEGIES	KPI	TARGETS
AFRINIC ENGAGEMENT	1.1 Members 1.2 Community 1.3 Government 1.4 Other Stakeholders				
SERVICE DELIVERY	2.1 Member & Community Experience 2.2 Product Development 2.3 Research				
OPERATIONAL EXCELLENCE	3.1 Business Model 3.2 Process Improvement 3.3 General Operations 3.4 Technology				
ORGANISATIONAL PERFORMANCE	4.1 Culture 4.2 Organisational Structure 4.3 People and Talent 4.4 Finance				

AFRINIC 2021-2023 STRATEGIC PLAN

2021-2023 Strategic Pillars

Vision
"A secure and accessible Internet for sustainable digital growth in Africa"
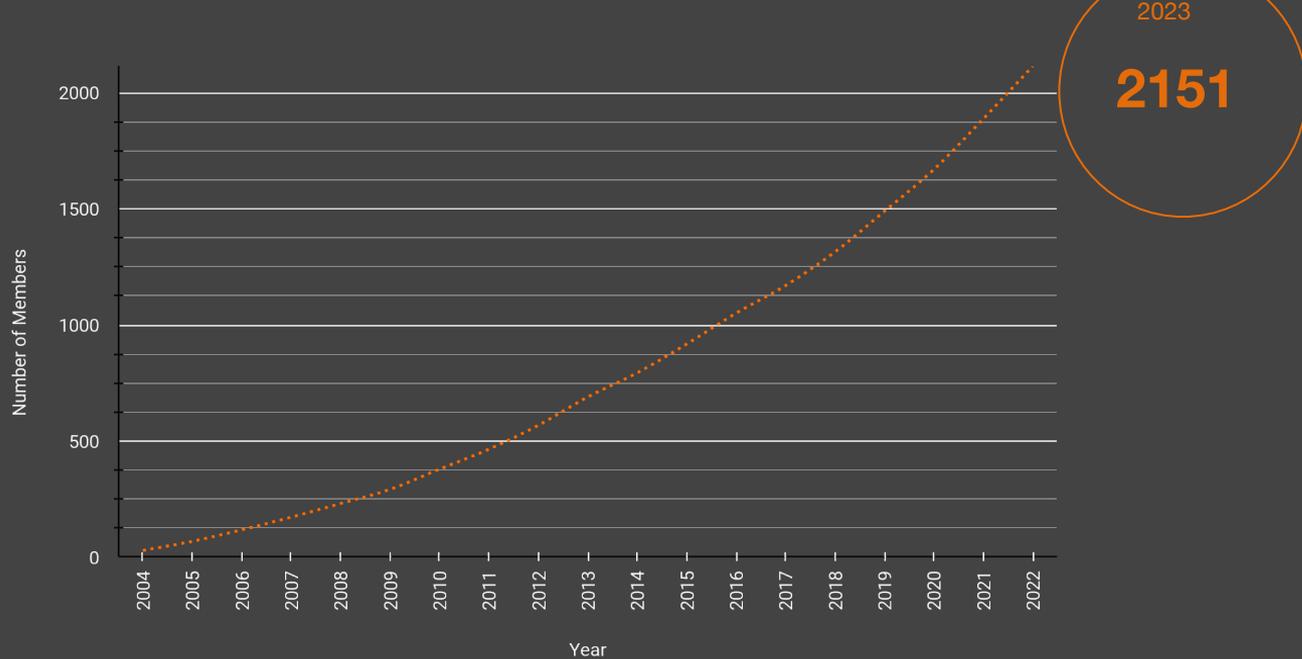
Mission
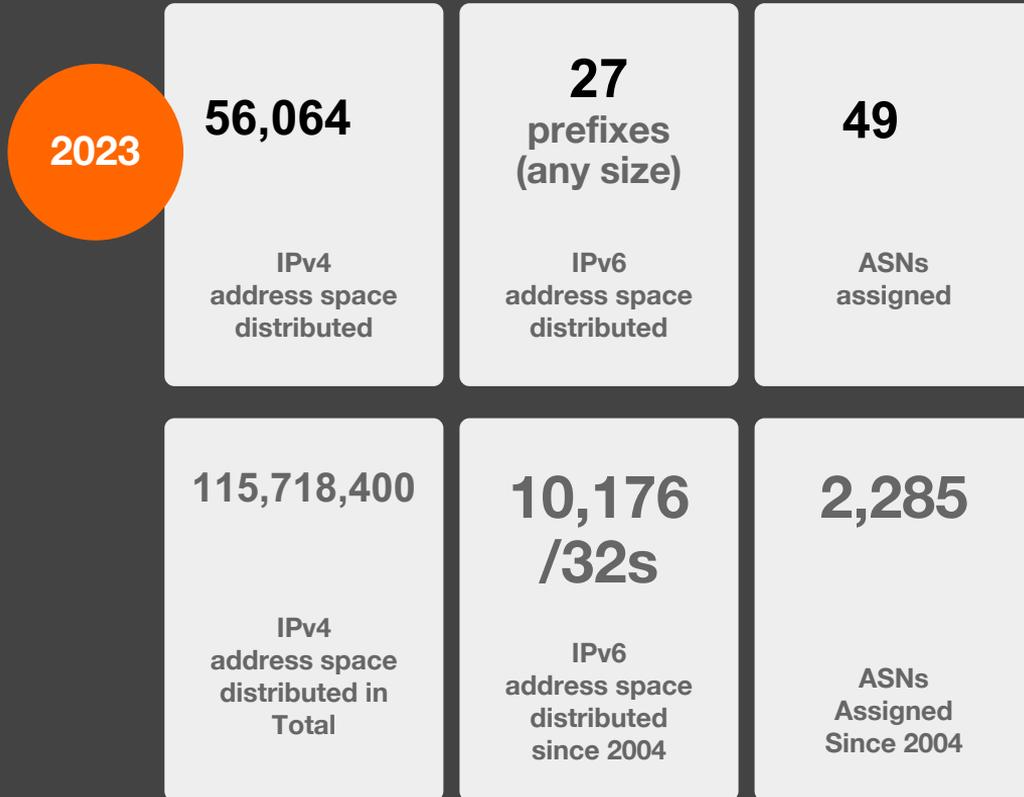*"To serve the African Internet community by delivering efficient services in a global multi-stakeholder environment"*

Core Value
Excellence
Passion
Integrity
Community Driven

AFRINIC 2021-2023 STRATEGIC PLAN

4

Registry Services - Resource membership growth

Membership growth over the years

Registry Services - IP and ASN Distribution

2023

56,064 IPv4 address space distributed	**27** prefixes (any size) IPv6 address space distributed	**49** ASNs assigned
115,718,400 IPv4 address space distributed in Total	10,176 /32s IPv6 address space distributed since 2004	2,285 ASNs Assigned Since 2004

Registry Services - IPv4 Address Exhaustion

2023

IPV4
SOFT
L A N D I N G

**We reached
Soft Landing Phase
2 on 13 January 2020**

Around

1.3

million IPv4
addresses left in
available pool

Minimum IPv4
Allocation or
Assignment is a

/24

Maximum IPv4
Allocation or
Assignment is a

/22

AFRINIC Policy Development Process

3	**1**	**1**	**2023**
Policy Proposals	**Policy Proposal**	**Policy Proposal**	
Awaiting Board ratification	**Under Discussion**	**Implementation in Progress**	

1. **AFRINIC Number Resources Transfer Policy** 1. **Abuse Contact Policy Update** 1. **Policy Compliance Dashboard**	1. **Abuse Contact Policy Update (2)**	1. **RPKI ROAs for Unallocated and Unassigned AFRINIC Address Space**

Technical Developments

IT Infrastructure

- **New Data Center in Mombasa, Kenya**
- **Cloud Migration for Atlassian Collaboration tools**

1. **High availability**
1. **Load balancing**

Product Development

- **New Resource Management portal**
- **RPKI & IRR Enhancement**

1. **Enhanced user experience**
2. **ROA Auto-renew Option**
3. **ROA expiry notifications**
4. **RPKI - IRR integration**

Capacity Building

96

professionals participated in

2

webinars

55

Organisations attained **95** deployment milestones

2022

+3000

Enrollments in our elearning courses. Courses also delivered in French and Arabic.

93
IPv6 helpdesk calls with

59

Organisations

Capacity Building

Training

- e-learning
- Face to Face
- Partnerships with Universities

Certification

2023

- IPv6 Silver and Gold Certifications

Deployment Support

- IPv6
- IRR
- RPKI

Engagement - Events

Africa Internet Summit (AIS'22) & AGMM

500+
online + onsite participants

30th May - 3 June 2022

Africa Internet Summit (AIS'23) & S/AGMM - 2023

TBC

2023

AFRINIC Members Connect

200+
online participants

22 - 24 November 2022

AFRINIC members Outreaches - "*Jenga*"

16
Economies

2022

12

Engagement - Stakeholder Outreach Activities

2022

38

Internet governance forums and ICT events in Africa we contributed in

6

Governments collaborated with us to build capacity for IPv6 Deployment in their respective countries

3

MoUs signed for IPv6 Deployment, and Internet Critical Infrastructure enhancement

57

Activities conducted under the AFRINIC's Internet Development Programme benefited

2,500 people

Engagement - 2023 Outreach Activities

2023

- **Support for regional NoGs, IGFs, and technical community events**

- **Sponsorship for Internet programs**

- **Government Engagement**

- **Community outreaches**

AFRINIC

The Internet Numbers Registry for Africa

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IP6 help DESK

GOVERNANCE

E-LEARNING

certi 6

ACADEMY

POLICY

rpki

ASNs

COMMUNITY

dns FLAG DAY

SOFT-LANDING

IPv6

INNOVATION

M.Y. afrinic

BYLAWS

dns

RESEARCH

NETWORK

Connecting

Root SERVER COPY

RIR

bpki

Africa

We distribute
Internet Number Resources
that network society

IP

MAINTAINER

whois?

HACK-A-THON

IP6 DEPLOYATHON

ADDRESS BLOCKS

IPv4

INTERNET RESOURCES

dns sec