

AFRINIC WEBINAR SERIES

IPv4 Address Exhaustion:
Navigating the Transition to
IPv6 in Africa

Date: 31 August 2023

AFRINIC
The Internet Numbers Registry for Africa



<https://twitter.com/afrinic>

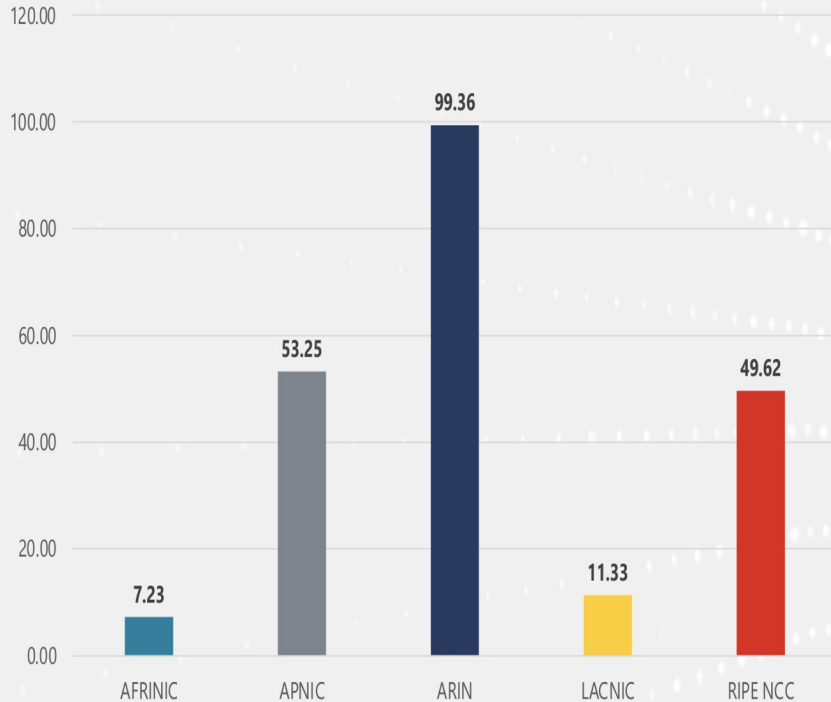
<https://www.youtube.com/afrinic>

<https://facebook.com/afrinic>



Total IPv4 Addresses Managed by each RIR

In terms of /8s



AFRINIC geographic region

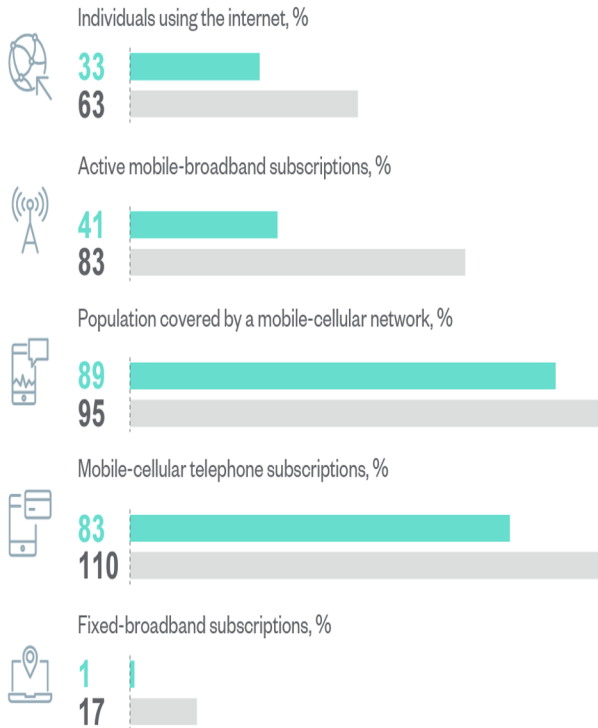


Africa's \$115B digital economy is in its early phases

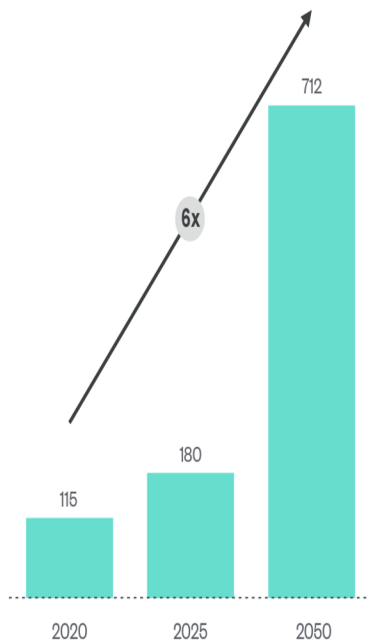
Africa's digital landscape is yet to reach its peak...

...and is expected to grow 6x by 2050

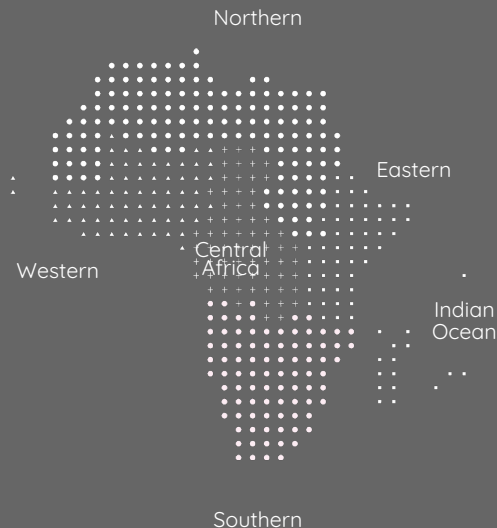
Africa
World average



Africa's digital economy, \$Bn



geographic region

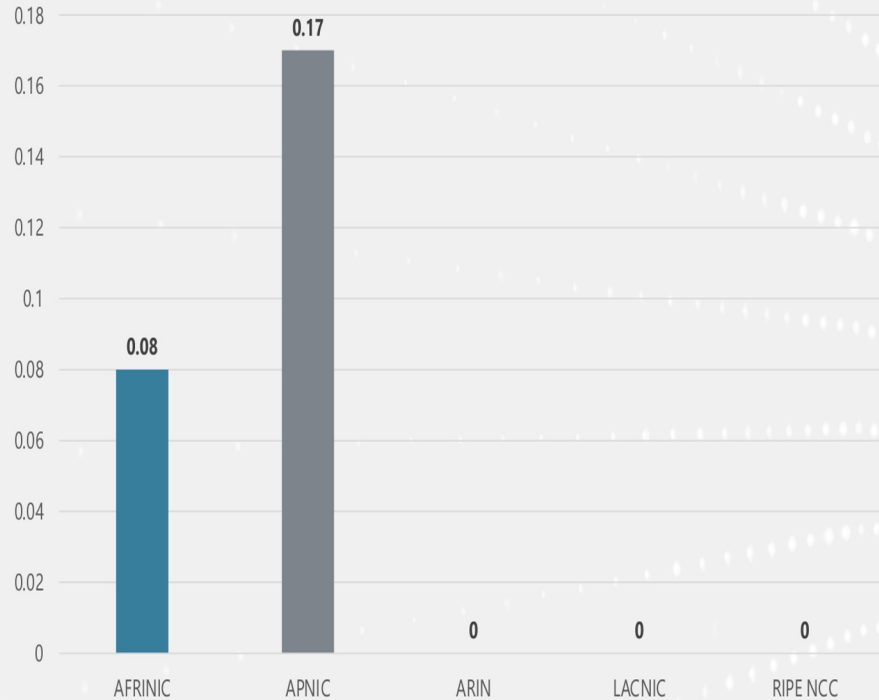


1. The internet economy is defined as the internet's contribution to the GDP

Source: Google/IFC e-Economy Africa report, World Bank, IMF, ITU World Telecommunication/CT Indicators database

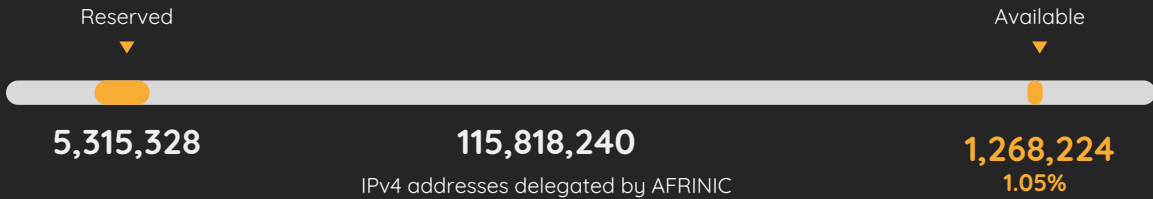
Available IPv4 Space in each RIR

In terms of /8s



AFRINIC geographic region



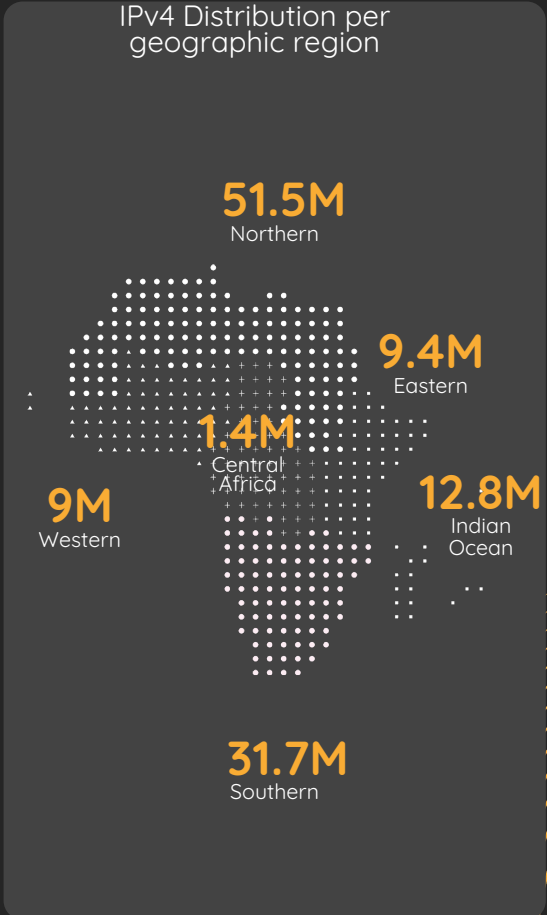


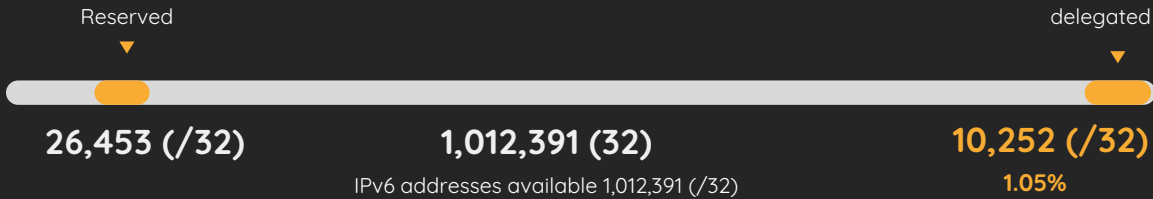
2023

151,040

2026

Est. Depletion





Members

1,201

**IPv6
Announced**

600



Percentage of members with IPv6

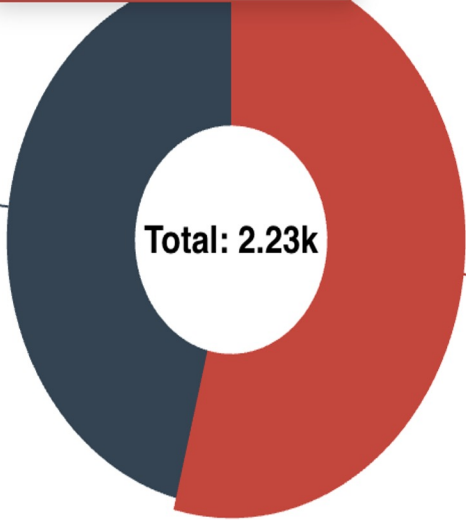
Have IPv6 No IPv6

Have IPv6: 1.2k (53.95%)

No IPv6...

Total: 2.23k

Have IP...



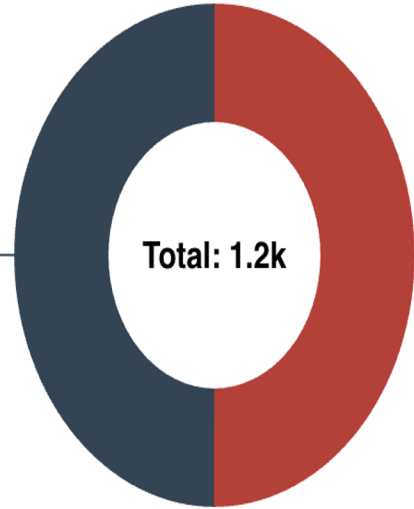
Percentage of Members Announcing IPv6

Not Announcing Announcing

49.96%

Total: 1.2k

50.04%



Distribution of Members announcing IPv6 by Country

