



هيئة الاتصالات وتقنية المعلومات  
Communications & Information  
Technology Commission

# IPv6 Deployment in Saudi Arabia

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# Agenda

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- Importance of IPv6 to Saudi Arabia
- IPv6 Journey in Saudi Arabia
- Outcomes & The Way Forward



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# Importance of IPv6 to Saudi Arabia



**Thriving Economy**

**Vibrant Society**

**Ambitious Nation**

## One of CITC's Strategy Pillars:

To enable KSA's different sectors digitalization via:

- Supporting investments in state of the art networks' infrastructure.
- Adoption of emerging technologies.



## Why IPv6?

- Enabler for emerging technologies.
- Using the right solution to avoid workarounds
- Improving Quality of Experience.



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# IPv6 Journey in Saudi Arabia

## National Strategy Objectives ~ 2008

To be prepared for the IPv4 depletion to ensure business continuity.

Plan a smooth adoption for IPv6 to minimize risks.

Raise overall IPv6 awareness nationwide in the public and private sectors.

## IPv6 Adoption Phases



**Phase I: Focus on Service Providers**



**Phase II: Focus on Enterprises**



**Phase III: Focus on End Users**

# IPv6 Journey in Saudi Arabia



## Phase I: Focus on Service Providers

Establishment of “IPv6 Task Force”

Launching IPv6 website

Building IPv6 Lab

Readiness of SP Core Networks & National Services



## Phase II: Focus on Enterprises

Stimulating demands by conducting 4 Pilot Projects

Publishing IPv6 deployment Guidelines

Partnering with the Academic sector for capacity building



## Phase III: Focus on End Users

Enabling/upgrading home CPEs

Enabling mobile network/devices

Targets & Progress Reporting

Continuous Capacity Building (20+ Training Programs / 500+ Participants)

Community Effort (Task Force / Service Providers / Manufacturers / Academia / RIPE NCC / IPv6 Forum)

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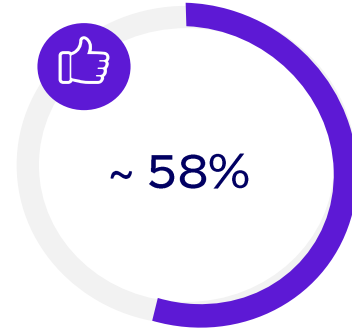
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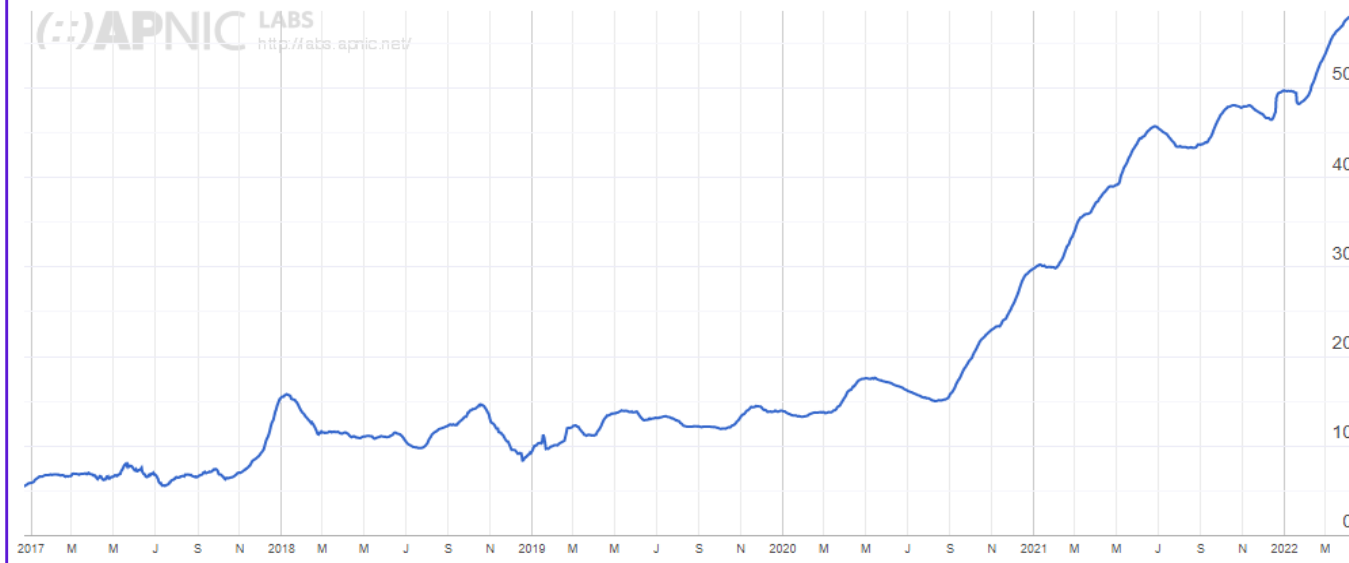
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## IPv6 Adoption Rate and Rank for Saudi Arabia



Among Top 5 Countries



Source: APNIC IPv6 Stats

## The Way Forward

Continue enabling IPv6 on mobile

Enabling IPv6 for government entities

Targets & Progress Reporting

 Glad to share the experience !



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**شكراً !**  
**Thank You !**