



هيئة الاتصالات وتقنية المعلومات
Communications & Information
Technology Commission

IPv6 Deployment in Saudi Arabia

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Director, Internet Services Development

13 December 2021

Agenda

- IPv6 Role in The Digital Transformation
- IPv6 Journey in Saudi Arabia
- Outcomes & The Way Forward



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IPv6 Role in The Digital Transformation



A Thriving Economy

A Vibrant Society

An Ambitious Nation

One of **CITC's**
Strategy Pillars
is to:

Enable KSA different
sectors digitalization via:

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



Why IPv6?

- Enabler (Staying connected)
- Using the right tools (less workarounds)
- Improving Quality of Experience

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IPv6 Journey in Saudi Arabia

National Strategy Objectives ~ 2008

Prepare for the IPv4 depletion to ensure business continuity

Smooth adaption of IPv6 by to minimize risks

Raise overall IPv6 awareness nationwide in the public and private sectors

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 Task Force

Launching IPv6 website

Building IPv6 Lab and tunnel broker

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



Phase III: Focus on End Users

Enabling/upgrading home CPEs

Enabling mobile network/devices

Targets & Progress Reporting

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

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

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Targets & Progress Reporting

Ongoing Capacity Building (20+ Training Programs / 500+ Participants..... Thanks to RIPE NCC)

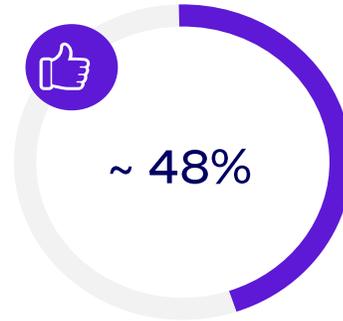
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IPv6 users in KSA



Top 10 Nations



Source: APNIC

The Way Forward

Continue enabling IPv6 on mobile

Enabling IPv6 for government entities

Targets & Progress Reporting

- Happy to share the experience
- Emphasize RIPE NCC's role in supporting the Arab community



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شكراً
Thank You!