



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

The RIPE NCC and Governments: Opportunities and challenges

Chafic Chaya | ME Government Roundtable | 23 November 2022

The Regional Internet Registries (RIRs)



Five RIRs



- Membership-based, not-for-profit organisations
 - Funded by membership fees
 - Distribute IPv4, IPv6 and Autonomous System Numbers
- Policies set by regional community
 - Open, inclusive and consensus based
 - Implemented by the Regional Internet Registry
- Global coordination via
 - The Number Resource Organisation (NRO)
 - NRO Number Council is formed by the 5 RIRs

The RIPE NCC Strategy for 2022 - 2026



- Community Engagement – Support an open, inclusive and engaged RIPE community
- One Secure Internet – Enable our members and community to operate one secure and resilient global Internet
- Resilient Registry – Operate a trusted, efficient and accurate registry
- Stable Organisation – Maintain a stable organisation
- Attract competent and diverse staff
- <https://www.ripe.net/publications/docs/ripe-774>



Sustainable Collaboration

Leave No One Behind!

Iraq Roundtable Outcome and Actions



- What we heard from You

- Reinforce the presence of the RIPE NCC in the region and strengthen support for countries facing challenges
- Continue the joint efforts to keep the Internet secure and resilient, especially during emergencies and crises
- More capacity-building, knowledge sharing and best practices
- A platform for continuing dialogue on regulations and Public Policy

- Actions taken

- ✓ Three Arab speakers staff at the Dubai office to serve the Middle East
- ✓ Daily, weekly and monthly meetings and follow-ups with governments and regulators
- ✓ Dedicated webinars and training including Internet security; IPv6 sec, RPKI and BGP
- ✓ New capacity building programs and Joint capacity development initiatives: RIPE NCC and TDRA (UAE), and RIPE NCC and CRA (Qatar)
- ✓ MENOG as a platform

RIPE NCC Framework



<p>Governments and Regulators' Engagement</p> <p>(Meetings, roundtables, MoUs and capacity development)</p>	<p>International and Regional Organisations Engagement:</p> <p>ITU, AICTO, ARISPA, UN, LAS, ESCWA, SAMENA, ICANN, ISOC,</p> <p>(Meetings, training, webinars and MoUs)</p>
<p>Country Engagement</p> <p>(Mobile Operators/ISPs, Banking, academia, Law Enforcement)</p>	<p>RIPE Meetings and MENOG</p> <p>(Sharing knowledge, best practices, and training)</p>

Synergy with Governments and TRAs



- Provide regulators with capacity building and best practices to support their policy-making
- Help governments with their national ICT strategies
- Contribute to public consultations
- Support and contribute to the League of Arab States' work
- Organise government roundtables
- Memorandum of Understanding



MoU with TDRA



- The RIPE NCC and the Telecommunications and Digital Government Regulatory Authority in the United Arab Emirates (TDRA) signed an MoU in October 2017



MoU with CST



- The RIPE NCC and the Communications, Space and Technology Commission in the Kingdom of Saudi Arabia (CST) signed an MoU in July 2020



MoU with AICTO



- The RIPE NCC and the Arab ICT Organisation (AICTO) signed an MoU on 28 September 2022 in Bucharest, alongside PP22 meetings



Collaboration with the League of Arab States



الأمانة العامة
القطاع الاقتصادي
إدارة تنمية الاتصالات وتقنية المعلومات
الأمانة الفنية لمجلس الوزراء العرب
للاتصالات والمعلومات

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تقرير وقرارات

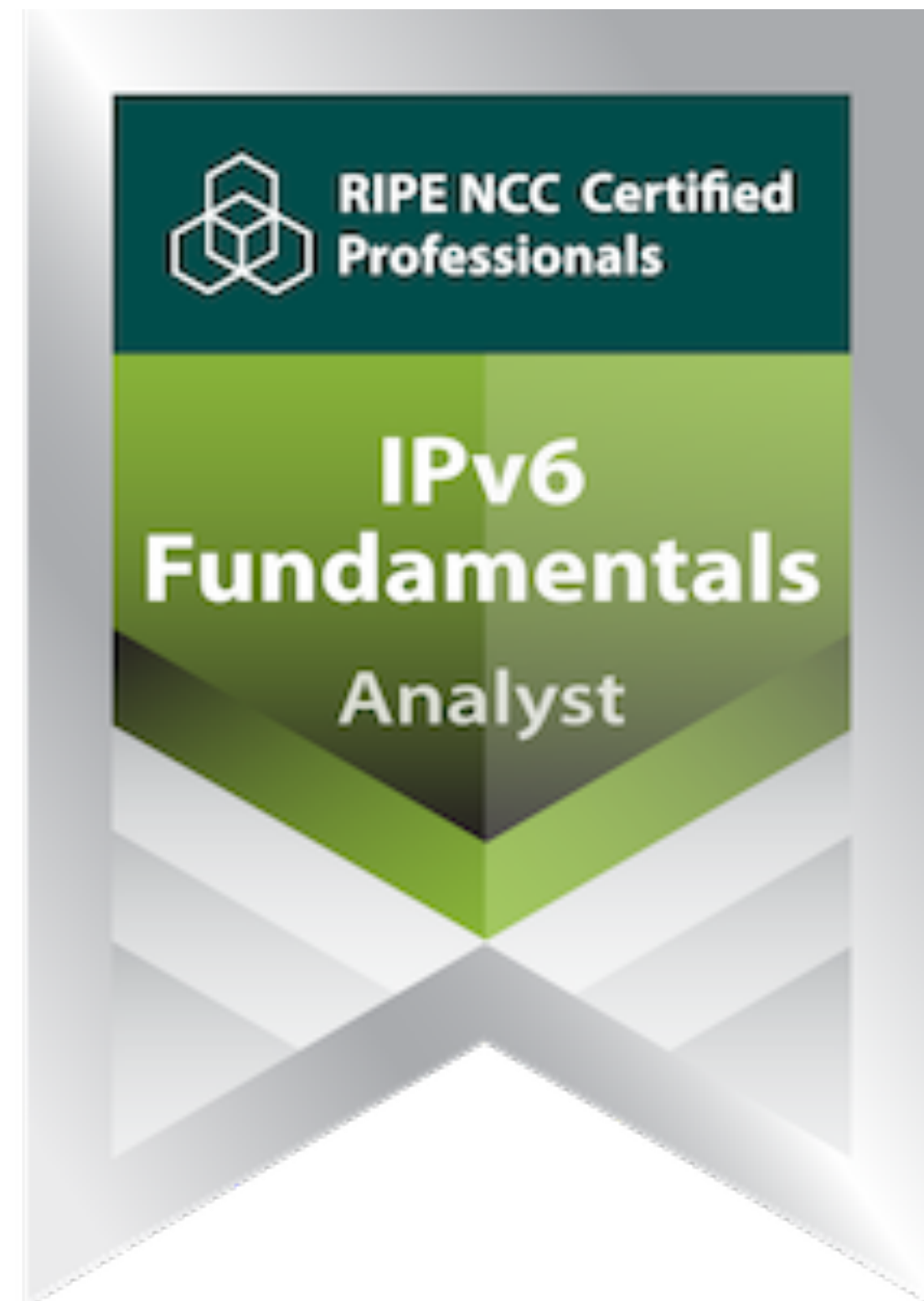
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لمجلس الوزراء العرب للاتصالات والمعلومات

(عن بعد: 2021/12/26)

- ✓ The 25th meeting of the Arab ICT Ministers Council held on 26 December 2021 welcomed cooperation with the RIPE NCC and put forth resolution #645 applauding and calling the appropriate Arab working groups to collaborate with the RIPE NCC for the development of the Internet in Arab countries

Capacity Development and Certification



- ✓ Online training and webinars to all Arab countries in the RIPE NCC service region
- ✓ Dedicated meetings and tailored support related to IPv6 deployment and network security to all countries
- ✓ Joint initiatives with regulators in the United Arab Emirates and Qatar offering the RIPE NCC's e-learning courses through their websites
- ✓ Certified Professionals program for governments

Reports, Measurements and Statistics



- ✓ Measurement tools and webinars support regulatory authorities and policymakers
- ✓ The Internet Country Report
- ✓ Statistics and trends
- ✓ RIPE Atlas software probes were launched, and hardware probes version 5 are deployed

Digital Cooperation and Public Policy



- The RIPE NCC Government Roundtable held in Kuwait in 2020 suggested having a regional collaboration platform to discuss digital cooperation, regulation and public policies

- Action taken

- ✓ The consensus during last year's Government Roundtable hosted online by the Iraqi regulator (CMC) was that MENOG is a suitable platform as it grants the stakeholders the needed space to continue the dialogue, discuss and share experiences and best practices in digital cooperation and public policy



IPv6 Deployment Success

IPv6 Adoption Success Story in the Arab Countries



Country	IPv6 Capable APNIC	Google	#Arab Region & Middle East	#Worldwide
Saudi Arabia	61.67%	59.26%	1	4
United Arab Emirates	47.44%	45.81%	2	20
Kuwait	18.54%	17.33%	3	56
Oman	16.90%	17.33%	4	60
Jordan	15.65%	12.52%	5	65
Lebanon	1.15%	1.63%	6	122

Source: <https://stats.labs.apnic.net/ipv6>

Source: <https://www.google.com/intl/en/ipv6/statistics.html>

Challenges Facing the RIPE NCC



- We need to consider the following:
 - Geopolitics and conflicts among countries within and outside our service region
 - The fundamental divide in the Internet Governance debate
 - The Arab Group position at the ITU



Questions



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