International Telecommunication Union
Arab Regional Office (ARB)

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Cairo, 5 April 2022

‒ Arab Administrations of ITU Member States
‒ Arab Regulators
‒ ITU-D Sector Members and Associates
‒ Academia Institutions
‒ Regional chairs and vice chairs of the Advisory Groups and Study Groups

Subject: **ITU Regional Training Workshop on IPv6 and IoT Strategy, Policy and Implementation for Arab States**
Khartoum-Sudan, 31 May-02 June 2022 (Hybrid)

Dear Madam/Sir,

I am pleased to invite your organization to participate in the **ITU Regional Training Workshop on IPv6 and IoT Strategy, Policy and Implementation for Arab States** to be conducted in collaboration with the Telecommunications and Post Regulatory Authority of Sudan (TPRA) in Khartoum-Sudan, **31 May-02 June 2022 (Physical and Online (09am to 3pm Khartoum Time)**. The training workshop is being organized as part of the launch of the ITU's Regional IPv6 and IoT Expertise Centre for Arab Region established in Sudan with support of TPRA-Sudan. The training workshop will be proceeded by the first ITU Regional IPv6 and IoT Challenge, which will take place during **29-30 May 2022** (description of this challenge is available ([Click here](#))[1]. Both events will be delivered in Arabic and English.

The training workshop are aiming to assist Member States by supporting smooth and well managed transition from Internet Protocol version 4 (IPv4) to Internet Protocol version 6 (IPv6) for Internet of Things (IoT) infrastructure, IPv6 for 5G, IPv6 for Industry 4.0, services, and applications deployments, raising awareness through conducting theory and practical sessions.

By the end of this training workshop, the participants can get the following knowledges and skills:

- IPv6 and IoT related policies and strategies for development and deployment.
- IPv6 addressing architecture and its deployment scenarios.

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[1]https://www.itu.int/en/ITU-D/Regional-Presence/ArabStates/Pages/Projects/IPv6%26IoT/IPv6-IoT.aspx

- IoT concepts and terminologies.
- IPv6 and IoT security issues.
- Building block of IoT architecture.
- IoT case studies and future predictions.
- Hands-on Labs on configuring IPv6, demonstration of several IPv6 attacks, setup the testbed for IoT and WiFi for IoT security test.

This training workshop is recommended for policy makers, regulators, IPv6 practitioner, IT managers, IoT designers, IoT developers, IoT implementers and anyone who is ready to master the steps or acquire policy strategic knowledge required to implement IPv6 and IoT based Networks.

Detailed information on this training workshop is described in the training outline which can be downloaded from the event link (Click here)[2].

We kindly invite your entity to nominate one person to attend this hybrid training workshop and to register through the above-mentioned link, no later than **15 May 2022**.

In order to facilitate the participation of delegates from the Arab Least Developed Countries (LDCs) in the event, there will be a limited number of **Partial Fellowships** to cover the air ticket of one delegate from each Arab LDC. The interested countries should fill in the Fellowship Request Form, which is available on the event website mentioned above and return it to ITU, no later than **30 April 2022**.

Should you require any further information on this course, please do not hesitate to contact: Eng. Mustafa Al Mahdi, Programme Officer at ITU Arab Regional Office, email: (mustafa.almahdi@itu.int) and Eng. Ahmed Atyya, Licensing and Numbering Director, at TPRA, email: (ahmed.atyya@tpra.gov.sd).

Looking forward to your active participation and fruitful contribution in this important event.

Yours faithfully,

Adel M. Darwish
Regional Director
Arab Regional Office

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[2] https://www.itu.int/en/ITU-D/Regional-Presence/ArabStates/Pages/Projects/IPv6%26IoT/TW-IPV6-IOT.aspx