

**IPV6 Day**

IPV6 Deployment: Current situation and perspectives

Hotel Golden Tulip El-Mechtel, 1<sup>st</sup> December 2018**Report**

The Mediterranean Federation of Internet Associations (FMAI) organized on 1<sup>st</sup> of December 2018 in Tunis an IPV6 day under the title of “IPV6 Deployment: Current situation and perspectives”.

Several experts from Tunisia and elsewhere discussed the current situation of the IPV4 exhaustion and the deployment of the IPV6 at the global, African and local level.

**Yaovi Atohoun (Mr)**, Stakeholder Engagement and Operations Manager for Africa at ICANN, explained the involvement of ICANN in the promotion of IPV6 amongst the ICANN community and the Internet community in general at all levels. He highlighted the inclusion of explicit dispositions for the support of IPV6 in the Registry Agreement and the Registrar Accreditation Agreement with ICANN.

**Jordi Palet Martinez (Mr)**, CEO and CTO of “The IPV6 Company” from Spain gave the general trend of the IPV6 deployment worldwide and tried to explain the evolution, giving his predictions for the future.

**Brice Abba (Mr)**, Community Development Manager at AFRINIC, first presented the current status of IPV4 exhaustion and IPV6 deployment world wide, then he addressed the case of Africa country by country. He also mentioned the various initiatives undertaken by AFRINIC, the African governments (National migration plans) and also the independent initiatives. He ended his presentation by listing the key steps for the IPV6 deployment.

**Khadija Rammeh (Ms)**, Professor & researcher at the Borj El Amri Aviation School, Tunis University addressed the mythes and the realities related to the migration to IPV6. She answered 7 questions concerning IPV6 maturity, its availability, the availability of content under IPV6, the IPV4 exhaustion, the security and privacy under IPV6, and the risk of deploying IPV6.

**Mourad Milliti (Mr)**, Research & Development Director and Manager of the Internet Services Departement at the “Agence Tunisienne de l’Internet (ATI)” presented all work done by ATI related to the transition to IPV6 at the conception, implementation and test levels.

**Wajdi Garali (Mr)**, Access Director in charge of the management of Domain Names, IP Addresses and Internet Quality of service at the “Instance Nationale des Télécommunication (INT)” (the Tunisian regulator) Gave an overview of the legal framework related to the numbering and addressing plan in Tunisia. He then detailed all aspects of the IPV6 deployment in Tunisia. He presented at the end the result of a study performed by the INT about the best way to accelerate the IPV6 deployment in Tunisia, giving a detailed action plan and an estimated cost.

**Abdelhakim Chettaoui (Mr)** Senior Engineer and Head of the Network Services at the “Centre de Calcul Khawarizmi” (ISP of the University Network in Tunisia) presented the current situation related to the deployment of IPV6 at the National University Network. He explained that they decided to deploy IPV6 on the whole University Network using the less costly and most mature technology ensuring security and reliability.

Several pertinent questions were asked to the speakers generating a debate about the advantage of the quick deployment of IPV6 in a transition period where both protocols coexist and the economic benefit of such a deployment. Also all questions of security, privacy and technical issues were addressed.

The Round Table was an opportunity for the panelists to better frame the discussion and orient it towards recommendations for a quick and well organized deployment of IPV6 in Tunisia leading to a smooth and cost effective transition to the new Protocol.

This IPV6 day was well attended by civil society activists, students, professors and entrepreneurs together with ISPs, the regulator and ATI. The big absent was the telecom operators who didn't make it despite their early and personalized invitation.