

## **CWG-Internet online open consultations on IXPs**

### **Communications and Information Technology Commission Saudi Arabia**

On 3 February 2015 the Council Working Group decided that Open Consultations would be convened on the following issue:

"With a view to discussing the establishment of Internet Exchange Points (IXPs) to advance connectivity, improve service quality and increase network stability and resilience, fostering competition and reducing interconnection costs, as proposed by Opinion 1 of WTPF-13 and consistent with PP-14 Resolutions 101 and 102, stakeholders are invited to elaborate and exemplify on the challenges faced and identify widely accepted best practices for the design, installation and operation of IXPs."

Below are some examples of the challenges that might be faced in the design, installation and operation of IXPs:

1. Identifying winning local peering agreement and needed regulations to ensure buy-in from main service providers and all stakeholders.
  2. Establishing proper IXP model that is capable to overcome monopoly telecom resistance.
  3. Assuring neutral management of IXP while ensuring proper financing model for its operations.
  4. Attraction of large contents providers and CDNs and maintain net neutrality.
  5. Reduction of costs associated with local traffic exchange between Internet Service Providers (ISPs) and therefore the reduction of cost on end users.
  6. Impact of IoT applications and services on the traffic, and the mechanism of the traffic priority distribution.
  7. The need of different levels of IXPs (Local – national-regional-international).
  8. Dealing with international cables and submarine cables landing points.
  9. Protection of IXPs from cyberattacks.
  10. Cashing of Data between international and local IXPs.
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