Introduction

The RIPE NCC and this region
About the RIPE NCC

- Established in 1992 as secretariat to the RIPE community
  - Not for profit association since 1997
  - Based in Amsterdam, The Netherlands
- Small offices in Dubai and Moscow
- Service region consists of 76 countries
  - Europe, Middle East and parts of Central Asia
Regional Internet Registry

• One of five Regional Internet Registries (RIRs) globally
  - Responsible for distributing IP addresses and AS Numbers
  - According to policies set by the RIPE community

• Maintaining the RIPE Database (whois)
  - Public information about the holders of IP addresses and AS Numbers
  - Supports coordination between network operators
Supporting the RIPE Community

• Meetings for the community
  - Two RIPE Meetings each year
  - Regional meetings in Middle East, South East Europe and Caucasus
  - Supporting local and regional network operator groups, e.g. MENOG

• Supporting the RIPE Policy Development Process (PDP)
  - Running mailing lists and publishing RIPE Documents
  - Preparing impact analyses and providing technical input
Supporting Internet Operations

• **Tools for network operators**
  - RIPE Atlas and RIPEstat
  - Resource Certification / RPKI (securing routing on the Internet)
  - Statistics, measurements and analysis

• **Training**
  - IPv6, security, routing and other topics
  - Both face-to-face training courses and online training options
  - Bespoke training for law enforcement and other stakeholders
RIPE NCC as a Global Stakeholder

- Represent the technical community in global forums
  - Coordinate and collaborate with other technical partners, e.g. IETF
  - Sector member of ITU Standardization and Development sectors

- MoUs with public and private sector partners
  - Universities
  - Governmental organisations and law enforcement agencies
  - Industry partners, e.g. APTLD, CENTR and SAMENA
Observations in this Region

• Initiatives to keep traffic in the region
  - More data centres to host content local
  - Internet Exchange Points to facilitate peering

• IPv6 is slowly gaining momentum
  - Several large deployments underway
  - Working with authorities on national strategy
The Internet is changing at a rapid pace
- Massive growth in number of users
- Everything has become mobile and locally focused
- Internet of Things

Stakes are getting higher
- Growing concerns about privacy, security and safety

We need to respond and change along with this
Helping to Reach Your Goals

• **Provide the data you need**
  - Accurate and reliable source for attribution
  - Monitor and report on the development of the industry

• **Provide information and technical expertise**
  - Neutral input to policy making and legislative process
  - Raising awareness about technical developments
  - Capacity building for both public and private sector
Outcomes of 2017 Middle East Roundtable (1)

• What we heard
  - Data, statistics and analysis at the country and regional level are valuable for public policy makers
  - The RIPE NCC data and analysis needs to be presented in a format that can be easily used and understood

• Outcome
  - The RIPE NCC will publish a Country Report on Saudi Arabia this week
  - At this Roundtable we will present the information from this report
  - Based on feedback, we will develop further Country Reports in 2019
Outcomes of 2017 Middle East Roundtable (1)

• What we heard
  - Public policy makers understand the potential impact of RIPE policy on national Internet-related goals and priorities
  - Government agencies are not well equipped to participate in open policy discussions on RIPE mailing lists

• Outcome
  - The RIPE NCC will compile a quarterly Government Policy Update to be shared with government contacts
  - Goal: facilitate greater government engagement with RIPE Policy Development Process
Questions

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