





## Making the Middle East IPv6 Ready

By: Engr. Hashim Hilal

Al-Khorayef Group of Companies

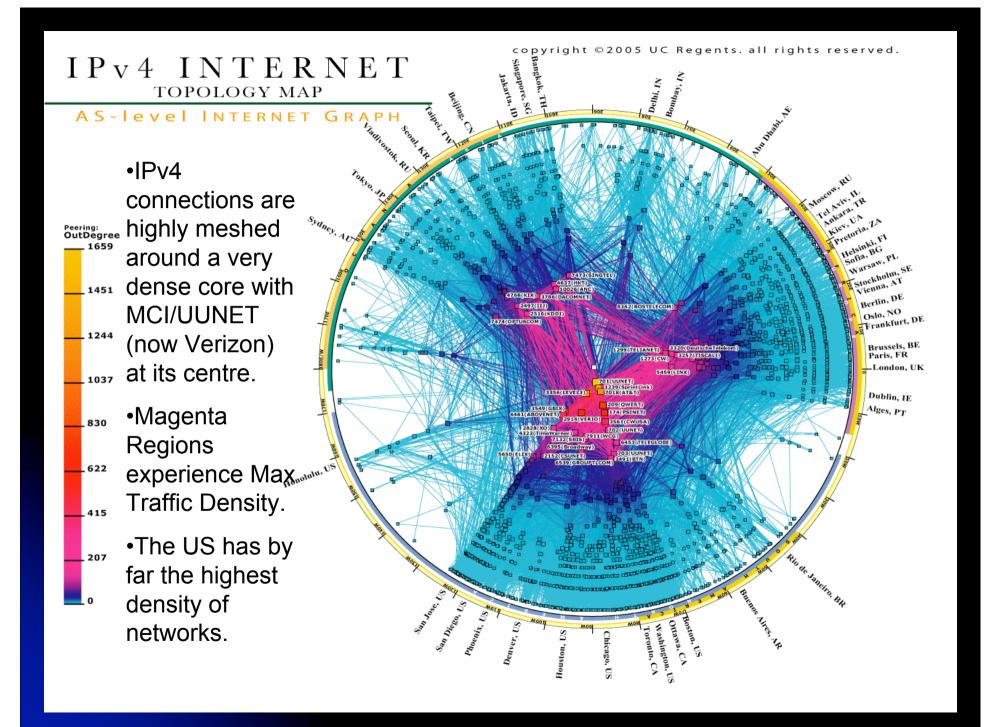
Kingdom of Saudi Arabia

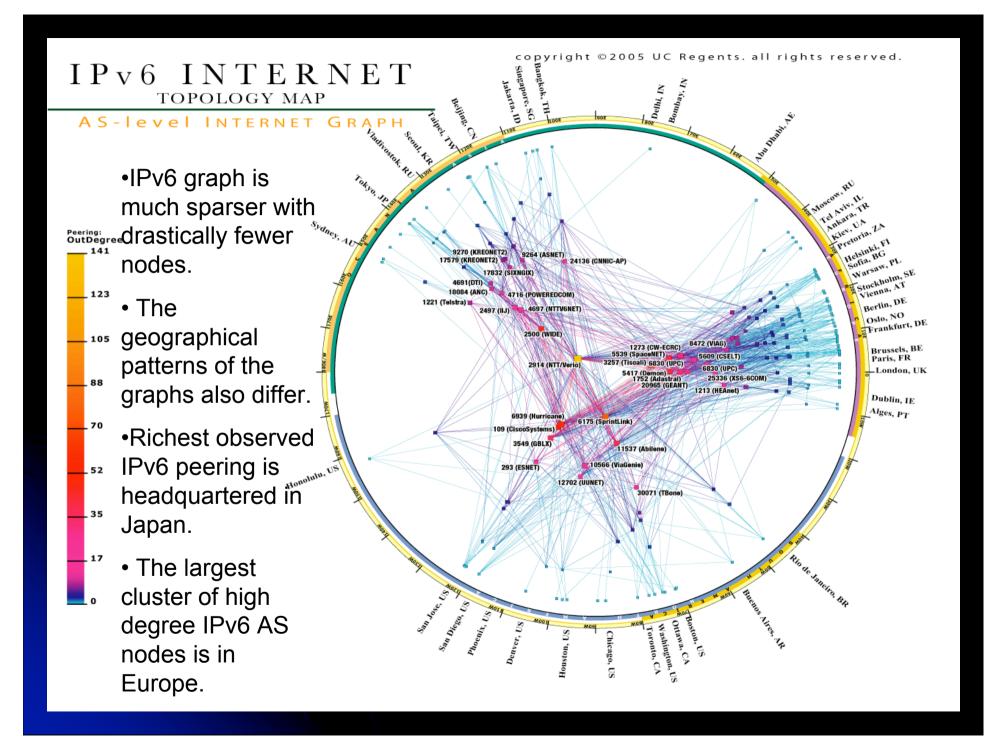
#### Presentation Perspective

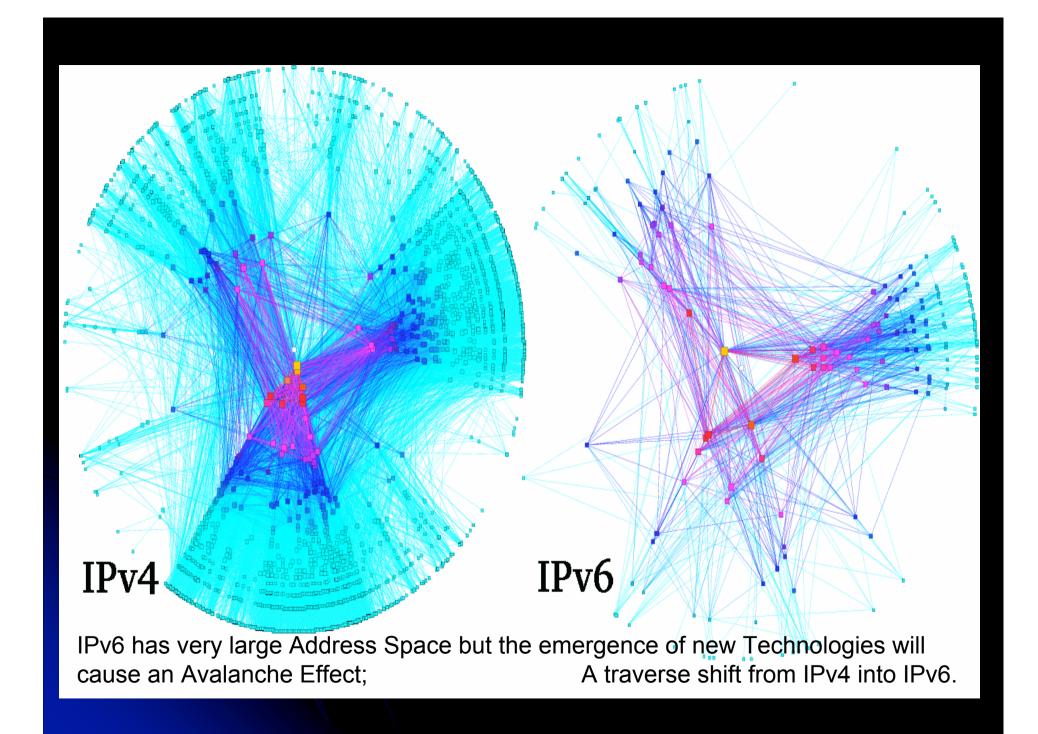
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### **Prologue**

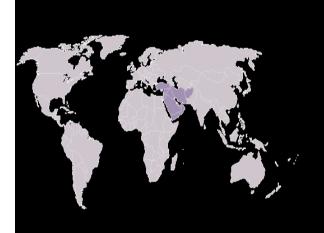
- Three years from now, the Internet World would not be the same as it is hitherto.
- "Making Middle East IPv6 Ready". It is the initiative in MENOG to make our own IPv6 Taskforce, which will be under the wings & guidance of RIPE NCC.
- IPv6 is inevitable and bound to bring a change in the world's Internet. Rest of the world has already starting building their infrastructure.
- The current picture portrays that Middle East would be just end-user
  of tangible/intangible products labeled "IPv6-Ready" and we would
  have to pay a high price to get the products that our customers will
  need.
- The IPv6 Taskforce will make the regions infrastructure ahead, advanced and absolute; so that we will drive economy and technology and be not driven.

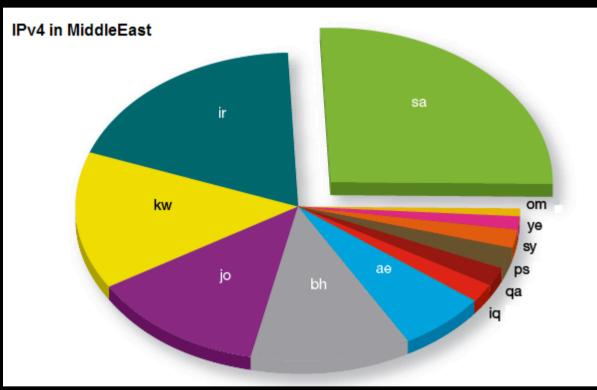






# IPv4 Allocation Outlook in Middle East

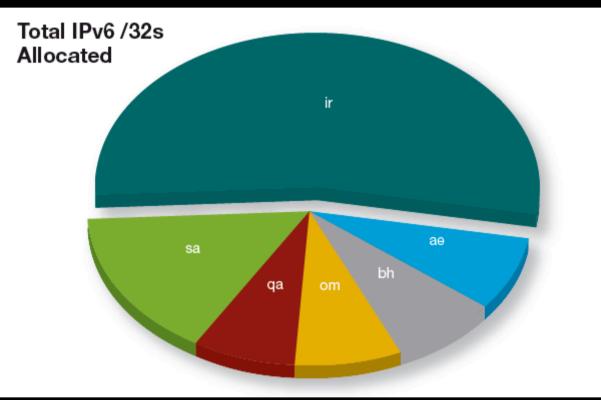




- Considering Metropolitan size and Economic grown, the IPv4 distribution is fairly equal.
- Customer Market demand is balanced.

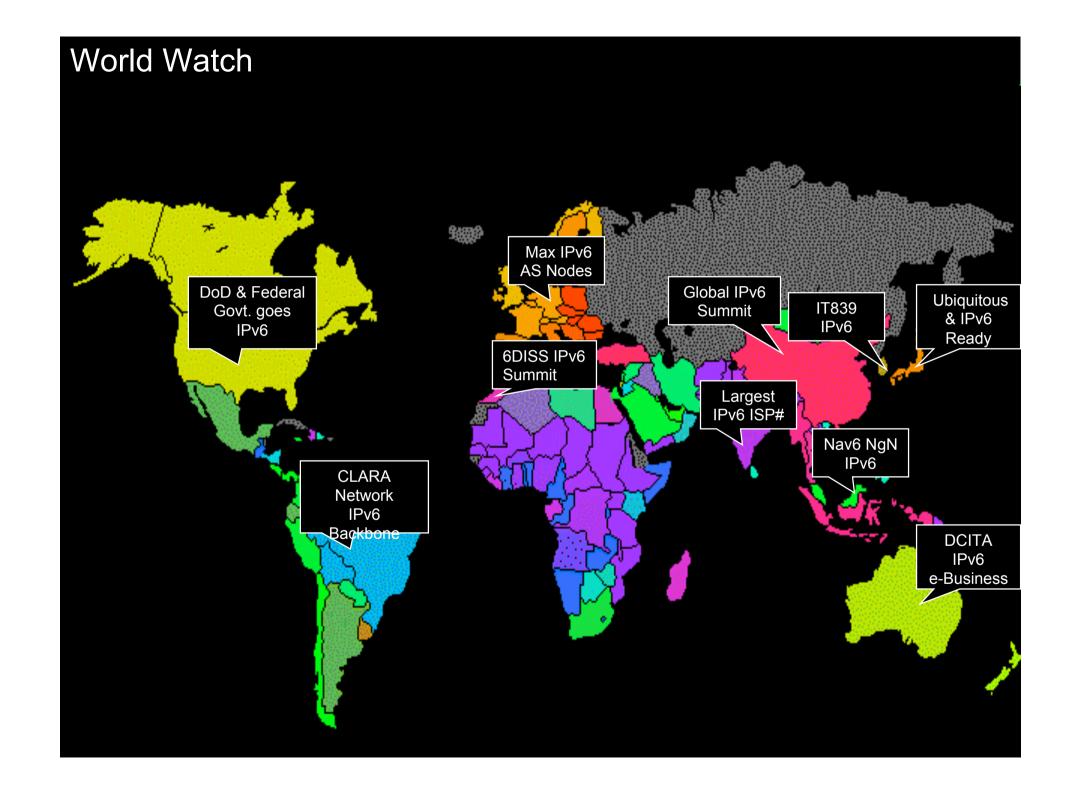
# IPv6 Allocation Outlook in Middle East





- IPv6 pie-distribution shows non-linear growth, some ME countries are not active.
- Someone in the region is preparing for Tomorrow.

[Statistical Source RIPE NCC 2006]



#### World Watch

- Japan: Mar 06, "u-Japan" (Ubiquitous Japan) Ubiquitous access, connecting everyone and everything.
- Korea: Feb 01, IT839 selecting 8 new services, 3 infrastructures and 9 growth engines.
- Australia: May 06, Department of Communications, Information Technology and Arts approved funding for industry stimulation project IPv6 E-Business.
- Malaysia: Mar 07, IPv6 Forum joined hands with National Advanced IPv6 Centre of Excellence in it's Next Generation Networks symposium.
- China: April 07, Global IPv6 Summit, CNGI (China Next Generation Internet) project has already finished its core networks.
- India: Mar 05, Has one of Largest numbers of ISPs employing IPv6.
- Germany: Mar 05, Largest Cluster of High Degree IPv6 AS Nodes.
- Morocco: Mar 07, IPv6 TaskForce held symposium and training with European 6IDSS.
- Latin America: Aug 05, Cooperación Latino Americana de Redes Avanzadas- IPv6 Wide R&D Network a.k.a RedCLARA.
- USA: Jun 03, Announced that DoD will go IPv6 and by 2008 all Federal Infrastructure to be IPv6 Ready.

#### **IPv6 Forum Chapters:**

Middle Eastern

Chapters are Scarce

- Australia
- Austria
- Belgium
  - Brazil
- Bretagne
- · California
- · Canada
- · China
- · Colombia
  - · Cuba
- Denmark
  - Egypt
- Europe
- Finland
- France
- · Hong Kong
  - · India
  - Ireland
  - · Israel
  - · Italy
  - Japan
  - Korea
- · Latin America

- <u>Luxembourg</u>
  - · Malaysia
    - Malta
  - Mexico
- MidAtlantic IPv6 TF
  - Morocco
    - Nepal
  - Netherlands
  - North America
  - Pacific Islands
    - Pakistan
      - Peru
    - Poland
    - Portugal
    - Russia
    - Senegal
      - · Spain
    - Switzerland
      - Taiwan
      - Thailand
      - Tunisia
        - <u>UK</u>
- · United Arab Emirates



# The Need For MENOG IPv6 TaskForce



### IPv6 will shape the following business arenas in future:

Communications

Internet, Telephone, Mobile (3GPP) etc

Media

Video Streams, HDTV, Satellite Programs etc

Industry

Commercial, Travel, Logistics etc.

Economy

Corporate Banking, Stock Markets, Financial Harbors etc.

Defense

Army, Navy, Air Force etc

Technology

Consumer Electronics, Networking, Innovations etc



#### MENOG IPv6 TaskForce

- Our NOG ISP's will not be just Service Providers but Surface Providers
  - Providing People the Platform to engage in their business endeavors. A strong surface to stand on and exchange services.
- We will no longer be considered as Internet companies, but will drive all business arenas.
  - Be the Torch Bearer and guide people in all Business Sectors



## IPv6 TaskForce Steps to Success: Making Middle East IPv6 Ready

•M: Market -> Know Trends

E: Education -> Generation Technology

N: Network-> Virtual City

O: Organization -> Strategic Management

G: Guidance -> Customer Lifestyle



#### **Epilogue**

- MENOG IPv6 TaskForce will make Seamless Transition from IPv4 to IPv6.
- The IPv6 Taskforce will make the region's infrastructure ahead, advanced and absolute; so that we will drive economy and technology and be not driven.
- It will make Middle East an enriched region and will anticipate all the features and functionalities that IPv6 offers. We will be prepared for the change and make the difference.



### We Can and We Will make a Difference

So, let's

Get

Set

Grow





