

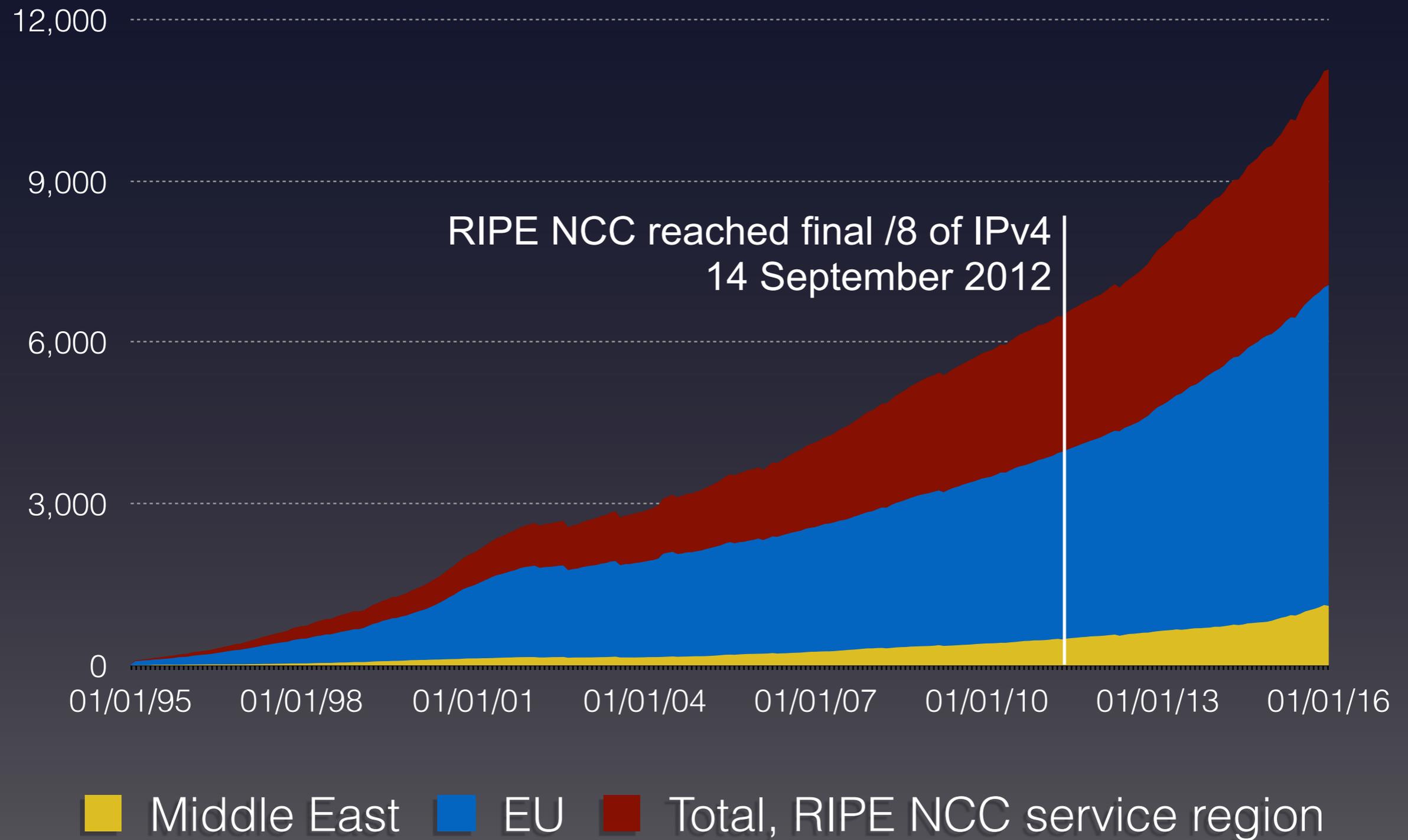


RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Evolution in the RIPE NCC Ecosystem and Membership

Paul Rendek | 27 January 2016 | RIPE NCC Roundtable Meeting

RIPE NCC Membership Growth



Contributors to Change



- Exhaustion of IPv4 address pool
 - “Final /8 policy” means new members can only receive /22 of IPv4, or 1,024 addresses
 - More “non-traditional” operators (i.e. not ISPs) become members, either to get a /22 IPv4 allocation, or because they want to be independent of upstream providers
 - Trading of IPv4 addresses is developing, affecting our membership base, address brokers are facilitating the market, often becoming RIPE NCC members themselves
- Regional and national factors
 - Including local industry and regulatory circumstances

Contributors to Change



- Technological changes
 - IPv6 adoption will have business implications for many of our traditional members; may see new types of members
 - RPKI, DNSSEC and other security-related technologies may have far-reaching effects

External Factors



- Internet is of greater importance than ever
 - The Internet of Things will see new technologies, new pressure on resources, including IP address resources
 - Security a growing concern; many government agencies, businesses reconsidering IT strategy
- The way we use the Internet is evolving
 - The RIPE NCC and its membership will change to reflect this

Mapping the Changing Landscape



- RIPE NCC engagement with governments has helped us understand and address specific needs
 - A similar need to engage now with new stakeholders
- We are looking at
 - What new types of members are we seeing?
 - Why are these organisations becoming RIPE NCC members at this time?
 - What does this mean for the RIPE NCC?
 - What does this mean for our industry and community?

What Could This Mean?



- Changes to the RIPE NCC as an organisation
 - How do we address needs of new kinds of members?
 - Will those members affect the direction of the organisation?
- Changing priorities in RIR policy
 - New entrants to the policy development process with their own priorities and perspectives on policy issues



Questions

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