1,00 0-13021 30:119 3--1090

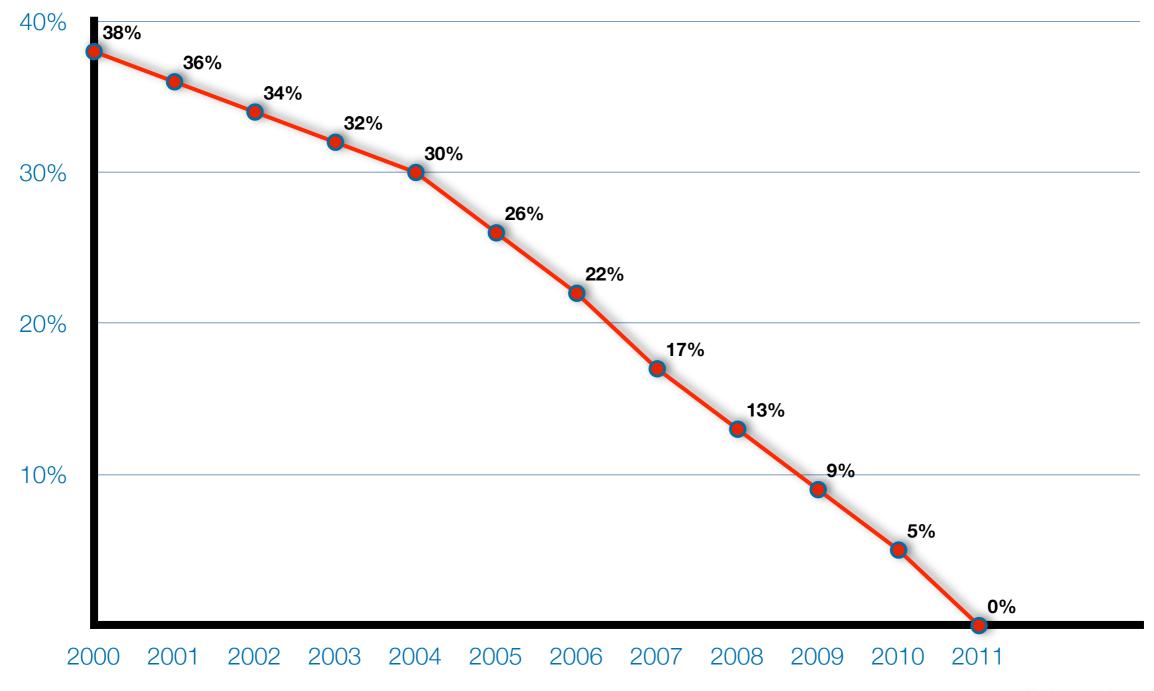
## **RIPE NCC Update**

6 April 2011, Amman, Jordan Elvis Velea, RIPE NCC IPRA

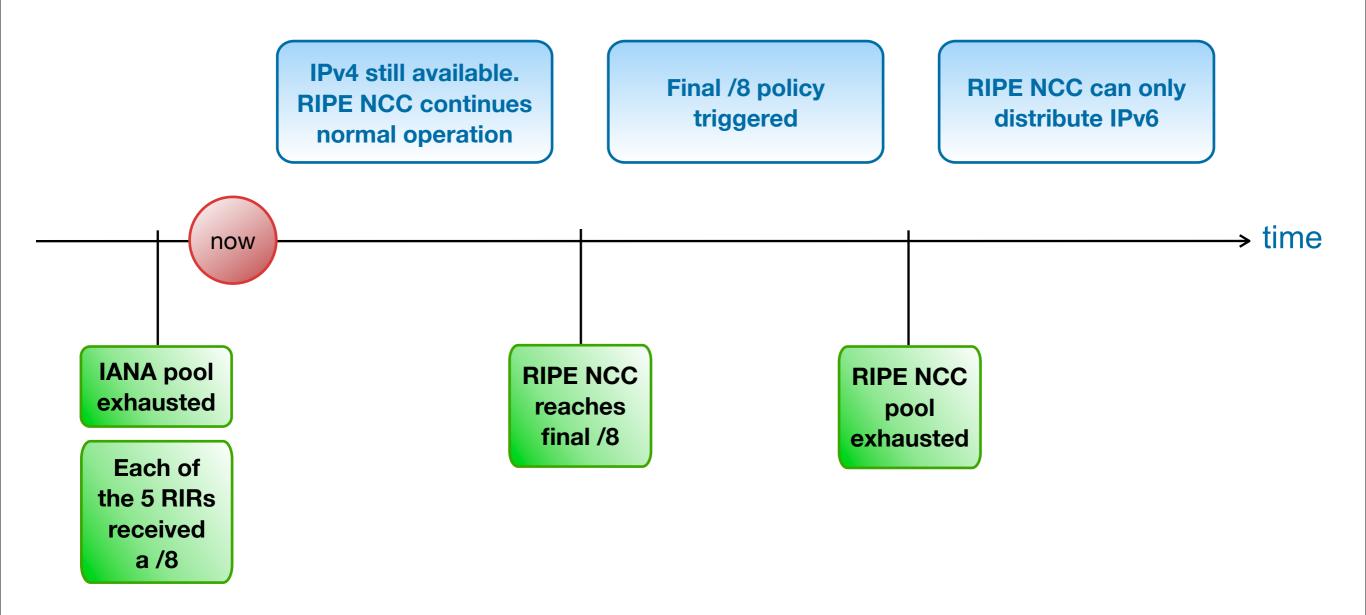


Thursday, April 7, 2011

#### IPv4 addresses in the global pool









- As long as there are IPv4 addresses left, the RIPE NCC will keep on distributing them, based on justified need
- Same allocation and assignment policies still apply (RIPE-509)
- Until the final /8 is reached



- Gradually reduced allocation and assignment periods
- Needs for "Entire Period" of up to...
  - -12 months (January 2010)
  - -9 months (July 2010)
  - 6 months (January 2011)
  - -3 months (July 2011)

• 50% has to be used up by half-period



#### Final /8 policy

- Each LIR can get one /22 allocation
  - 1024 IPv4 addresses
  - New and existing members
  - As long as supplies will last
- You must meet the criteria for an (additional) allocation
- Only when you already have IPv6 addresses



#### Transfer of IPv4 allocations

- LIRs can transfer IPv4 address blocks:
  - To another LIR
  - Only when the block is not in use
  - Meets minimum allocation size (/21)

- Requests are evaluated by the RIPE NCC
  - Justified need
- Registered in the RIPE Database



- Policy will only change when the RIPE NCC's final /8 is reached
- Be aware of the shorter assignment period!
- And start deploying IPv6 now!



851,100,14 cb00:13be3 519F2:80:119 209:05:80) 08:1095

### IPv6 statistics



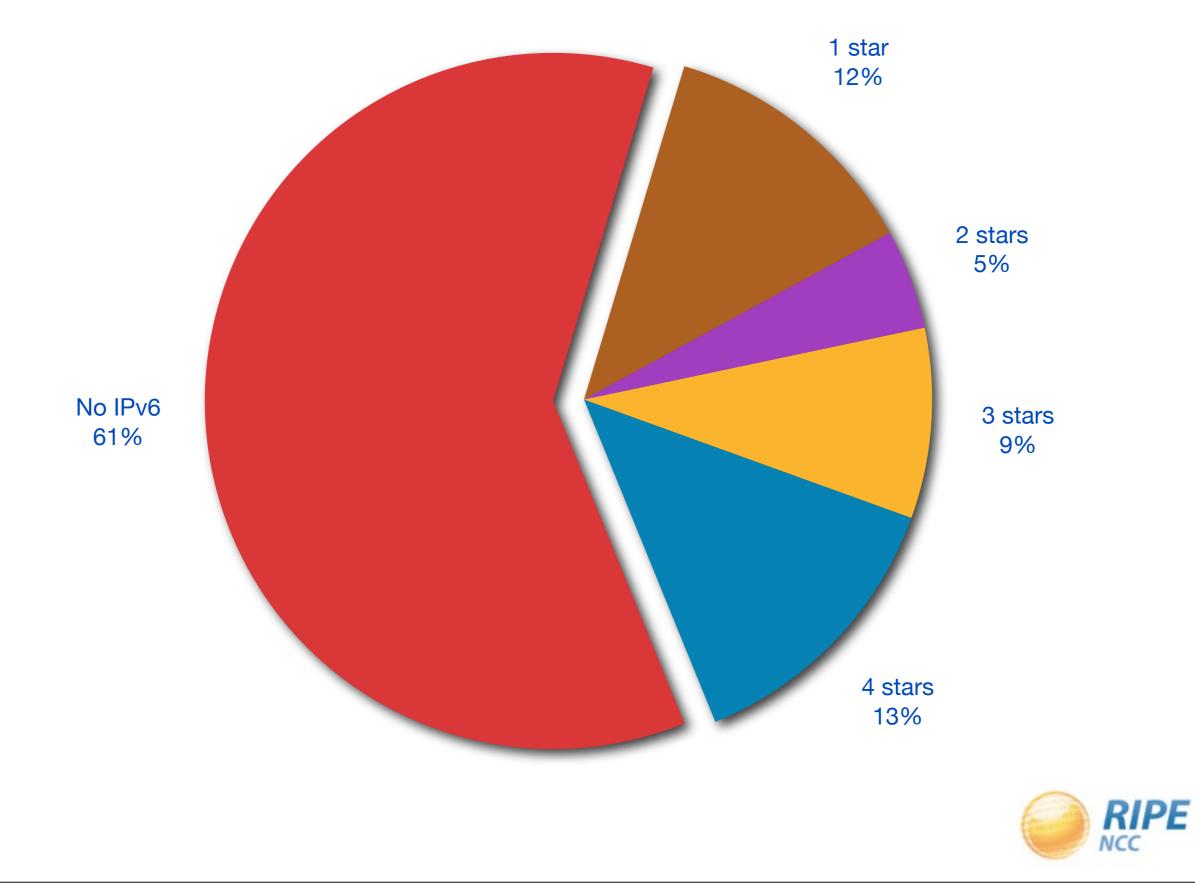
Thursday, April 7, 2011

- Rating system:
  - One star if the member has an IPv6 allocation
  - Additional stars if:
    - IPv6 Prefix is visible on the internet
    - A route6 object is in the RIPE Database
    - Reverse DNS is set up

- A list of all 4 star LIRs: http://ripeness.ripe.net/

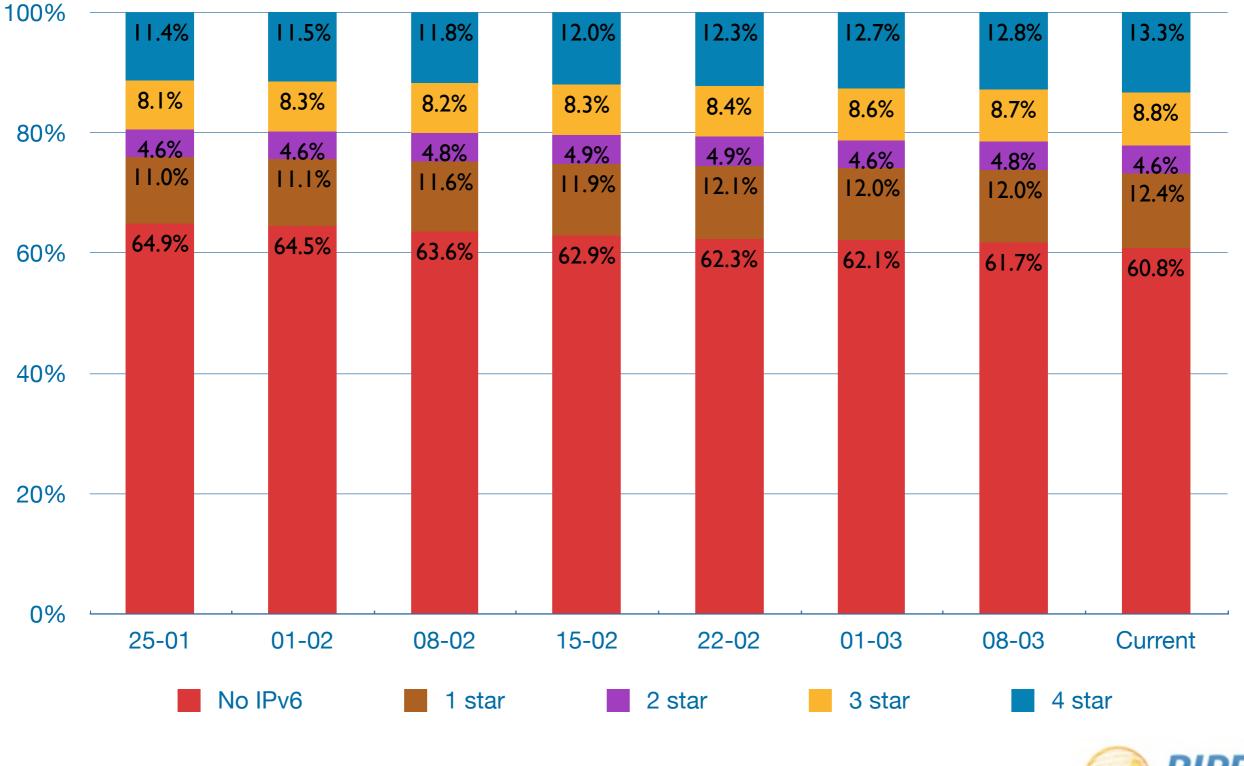


#### IPv6 RIPEness: 7433 LIRs



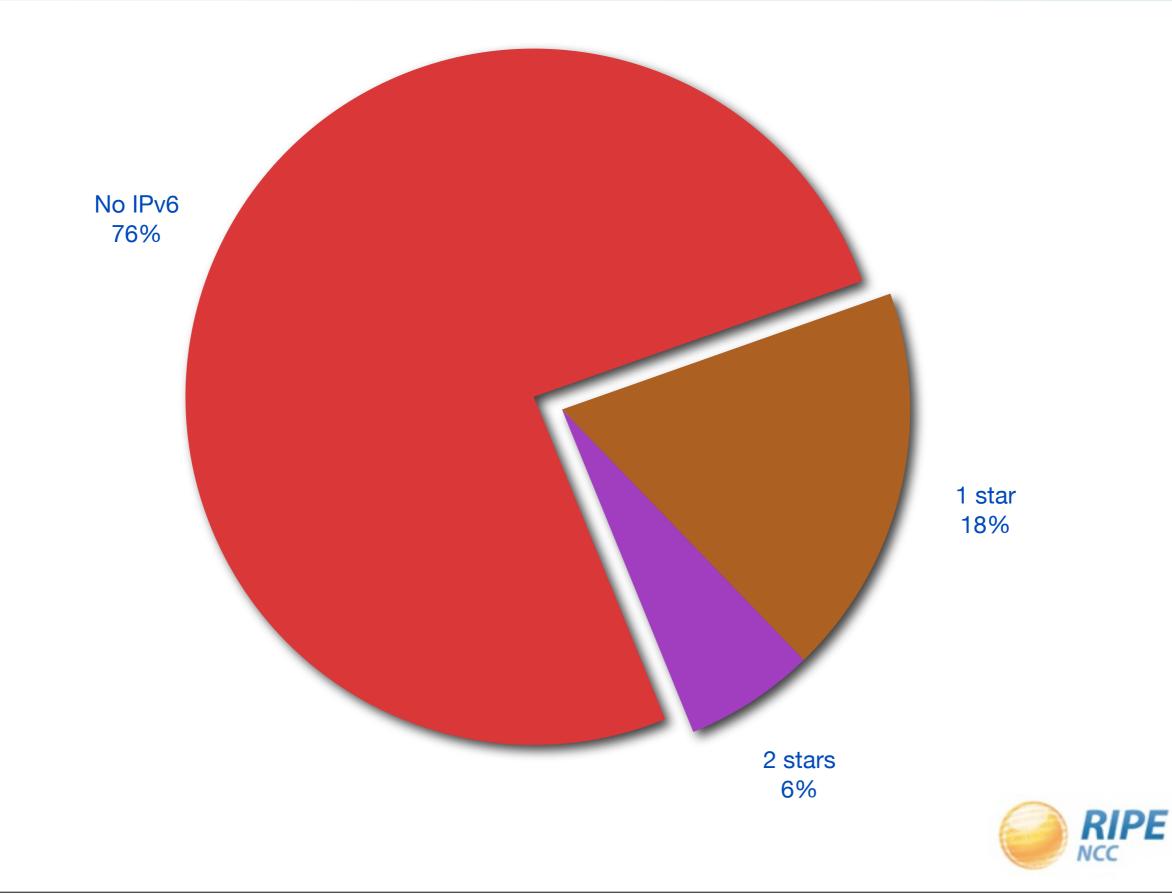
11

#### IPv6 RIPEness February 2011

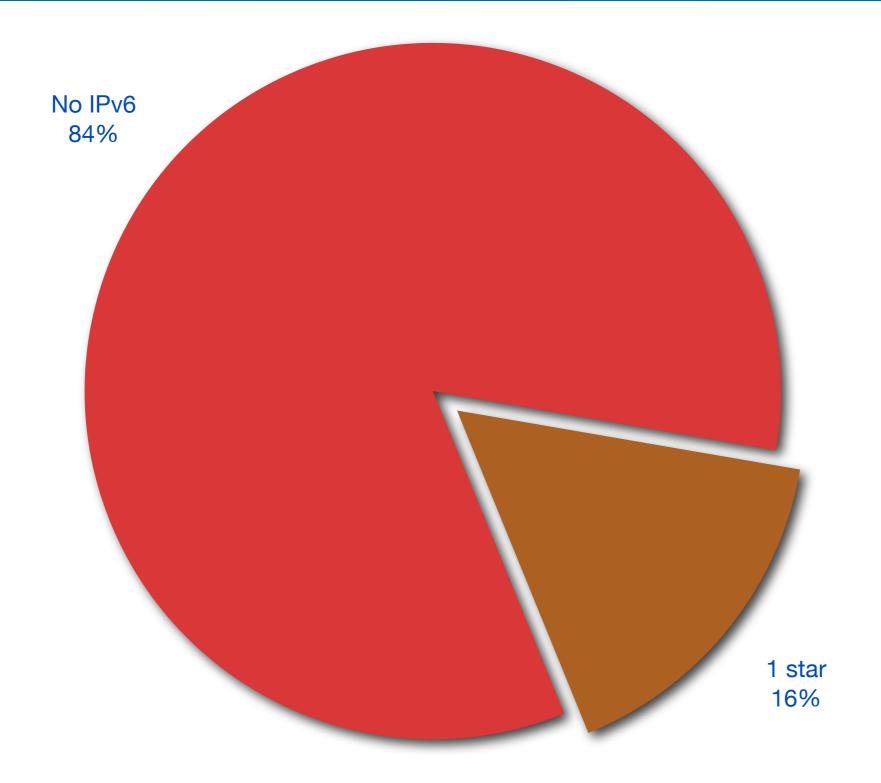




#### IPv6 RIPEness: Jordan (33 LIRs)

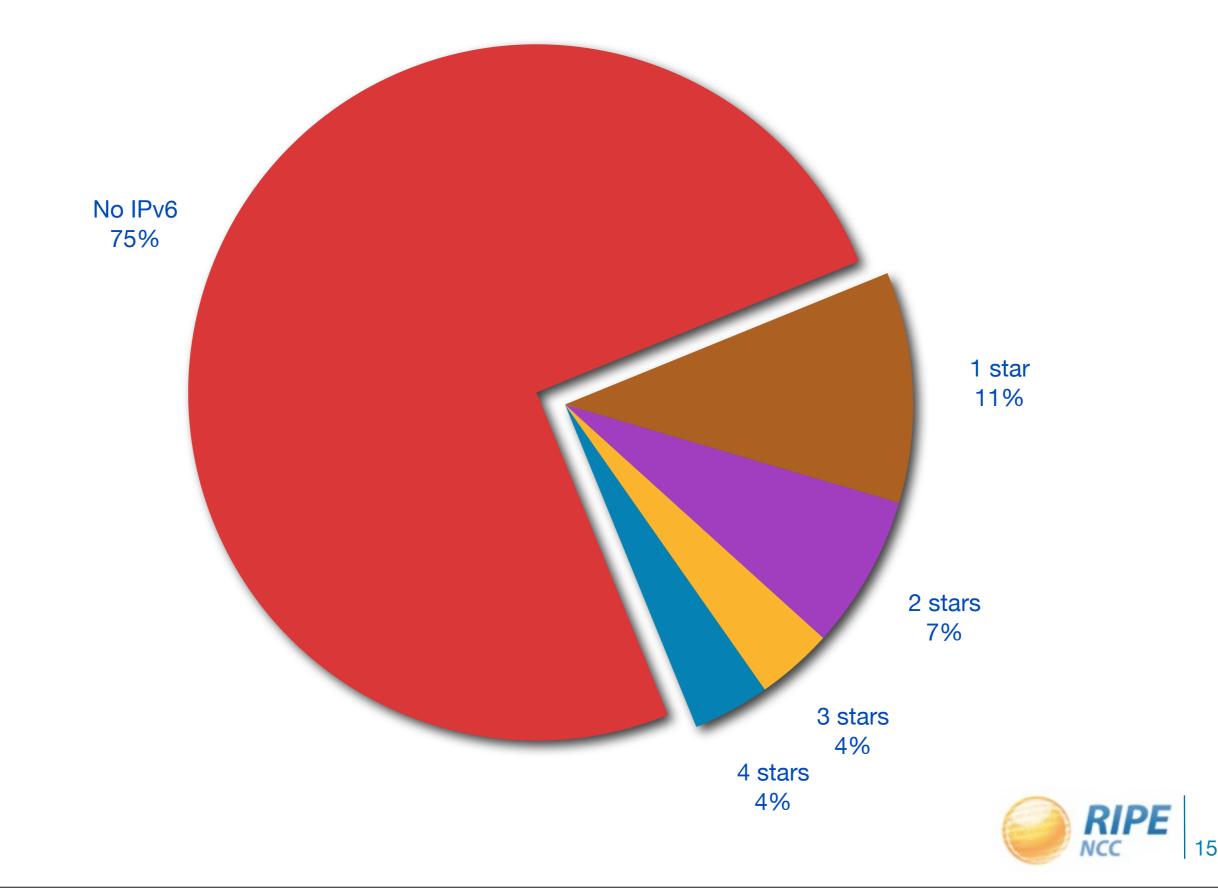


#### IPv6 RIPEness: Kuwait (31 LIRs)





#### IPv6 RIPEness: Lebanon (28LIRs)



#### Request Your IPv6 Allocation Today!

- If you are an LIR
- You need your LIR Portal Username/Password
- Also your RIPE Database nic-handles



# Questions?



