



Run Out Fairly

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with

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help from

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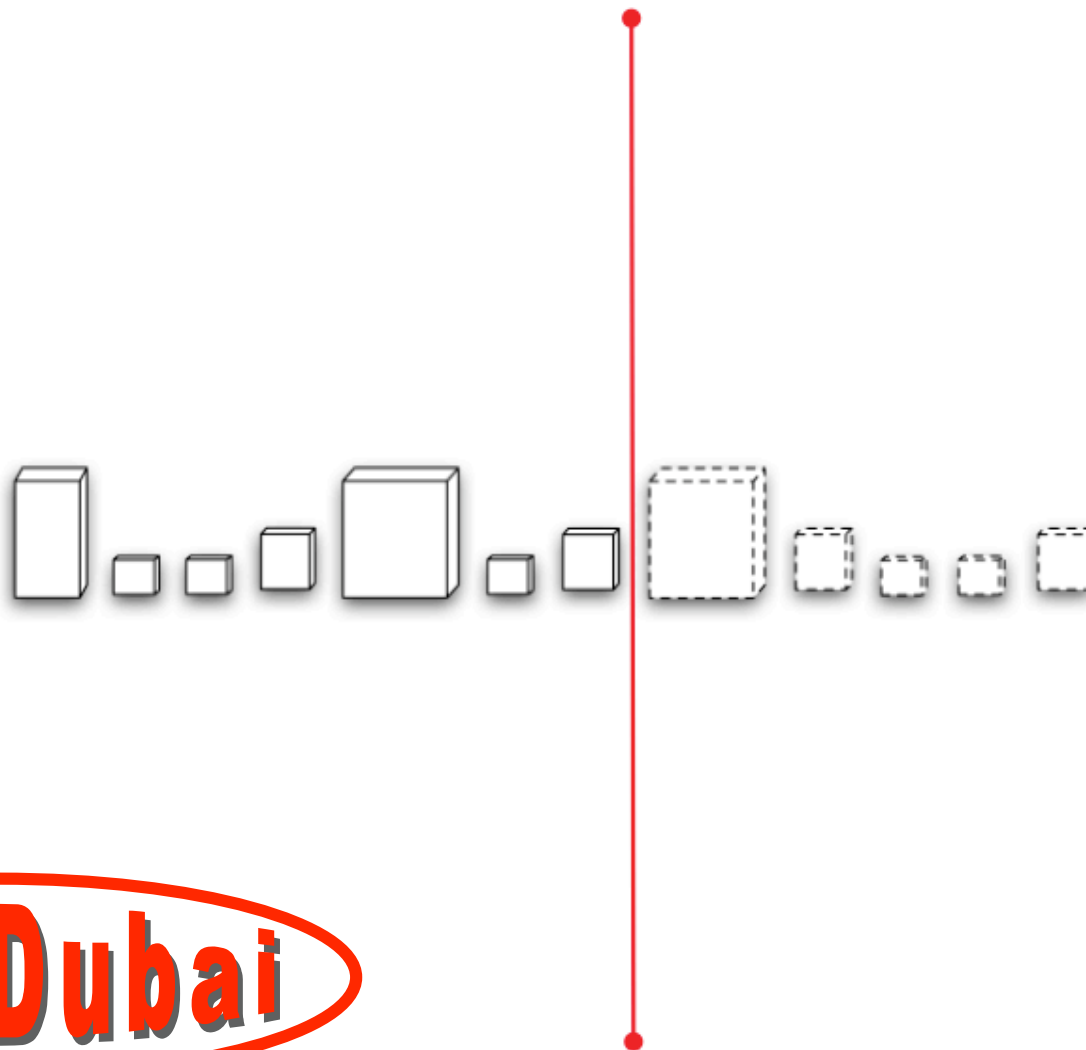
The IPv4 Request Queue



From Dubai



Run-out Time: What We Imagine



From Dubai



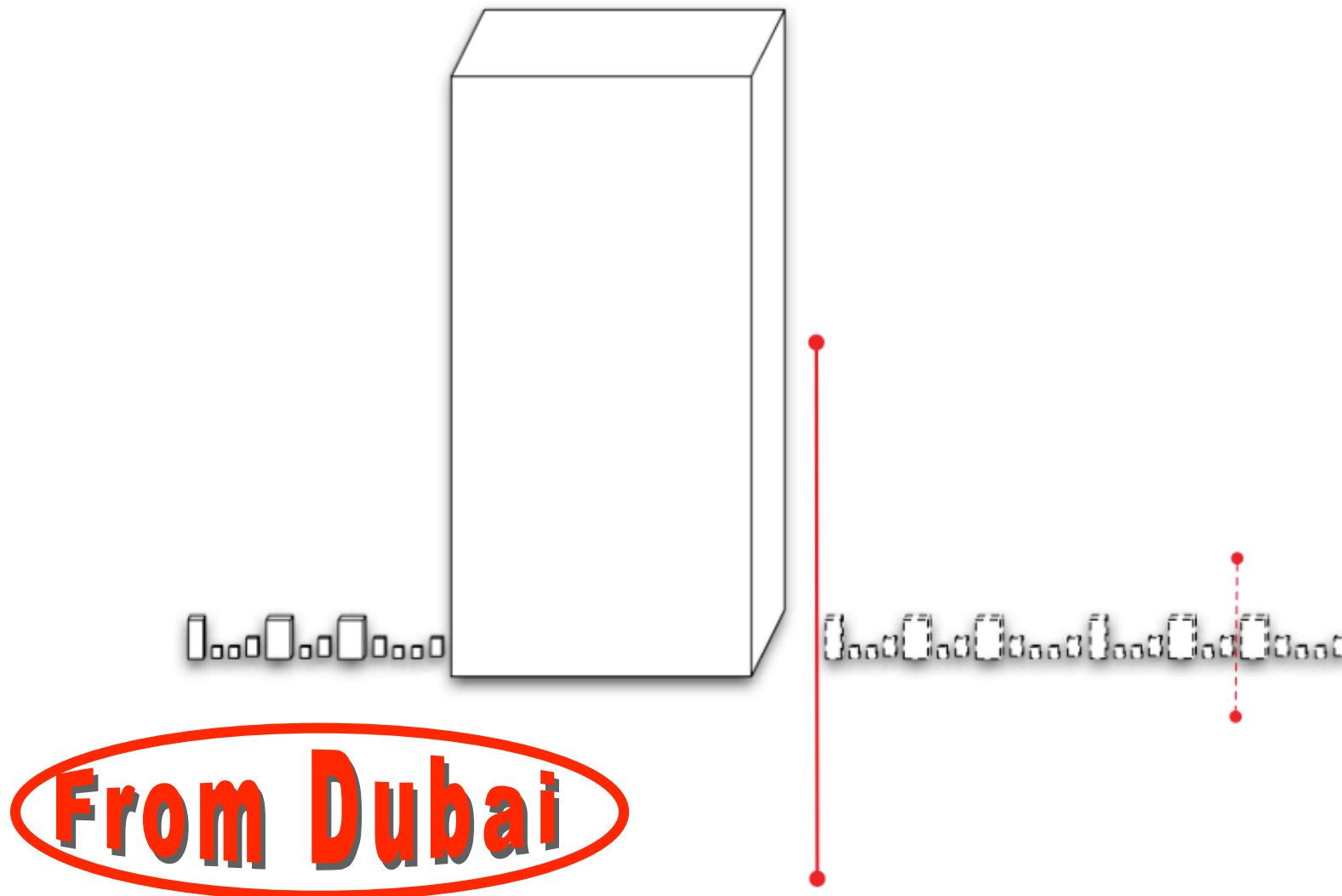
Run-out Time: What We Imagine



From Dubai



What Might Happen

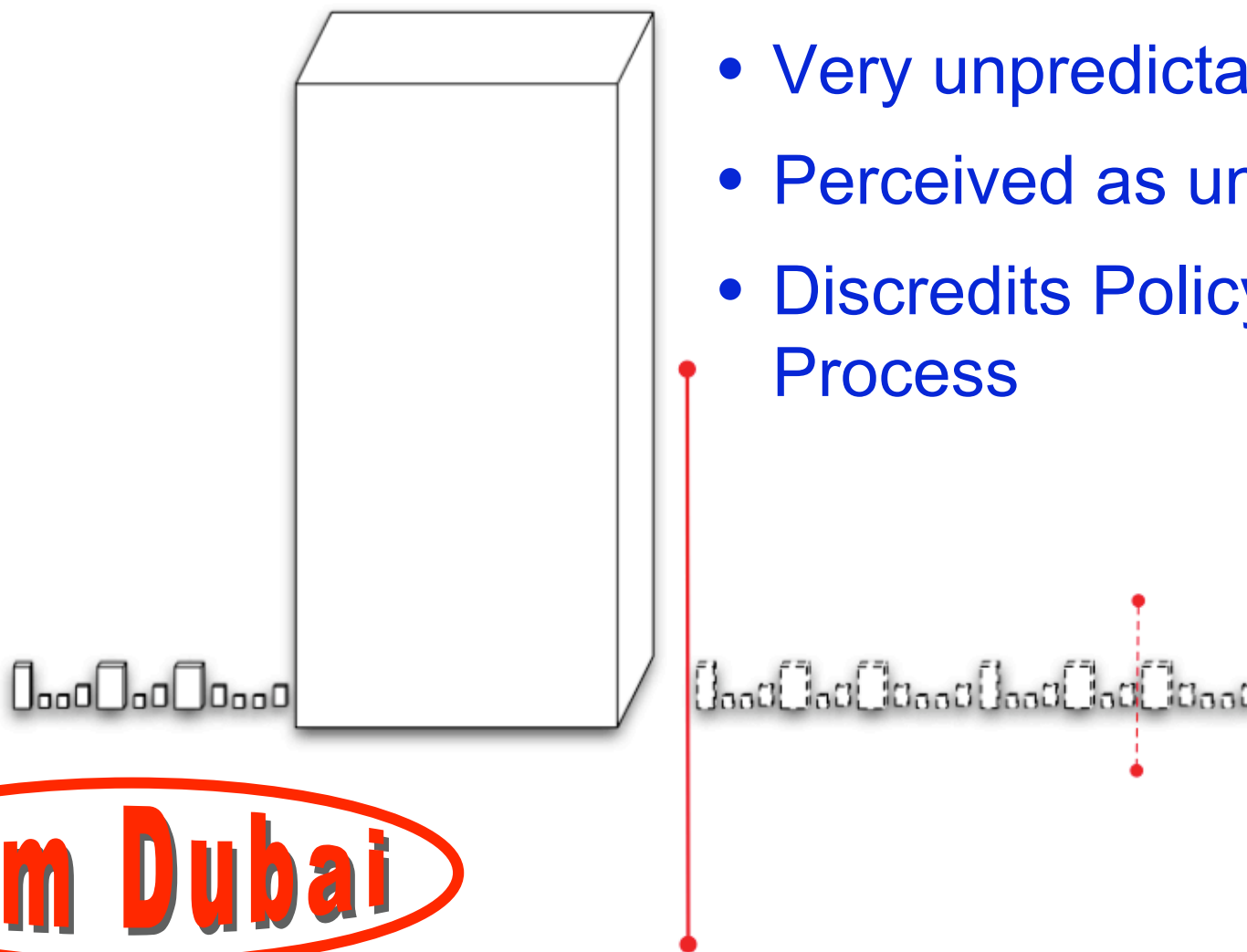


From Dubai



Concerns

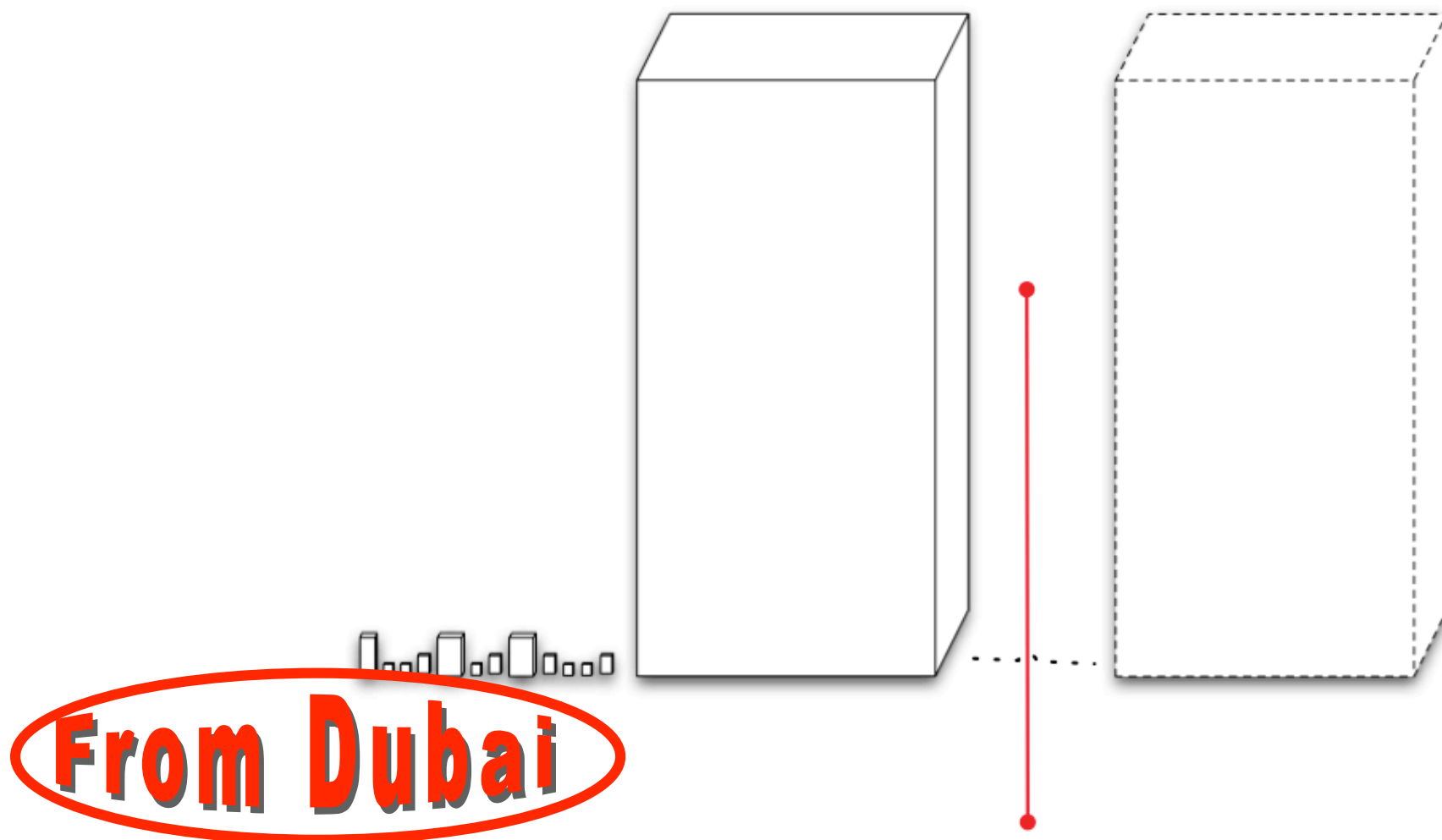
- Very unpredictable
- Perceived as unfair
- Discredits Policy Process



From Dubai



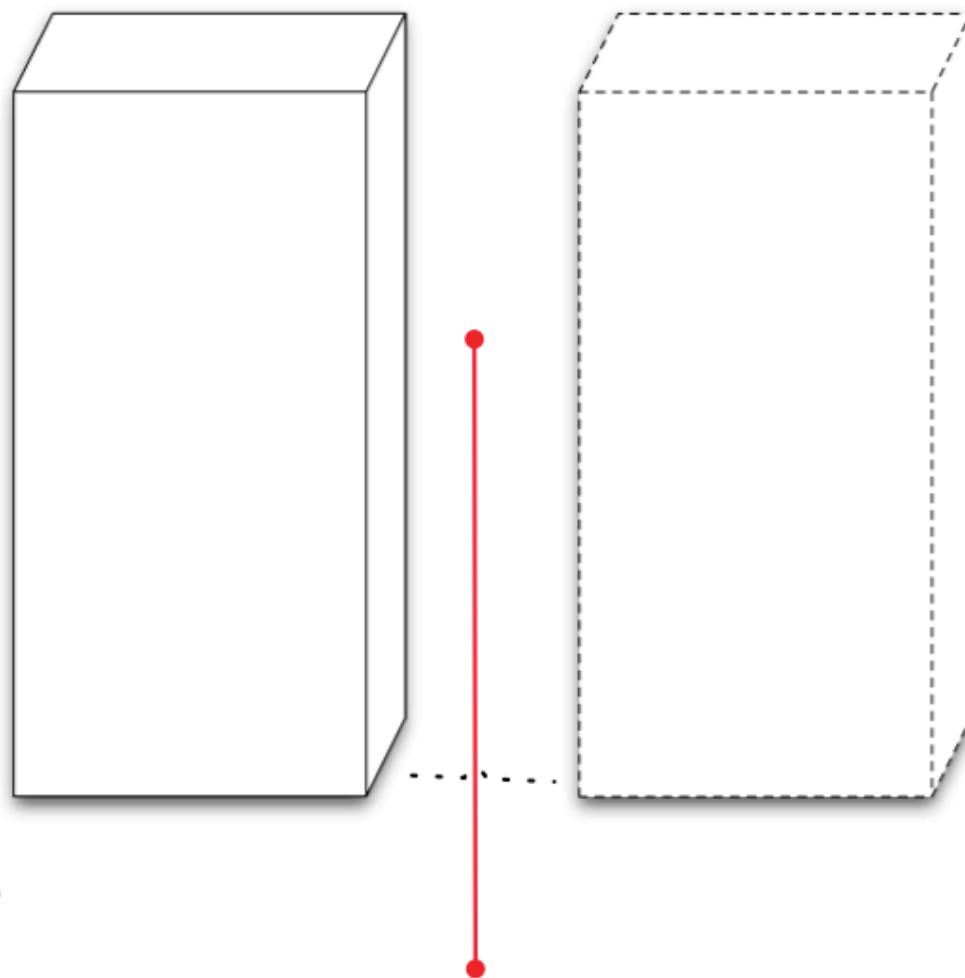
What might happen:





Concerns

- Perceived as *very* unfair
- Both big requests from same market:
 - Public Opinion?
 - Regulators ?
 - Politicians?



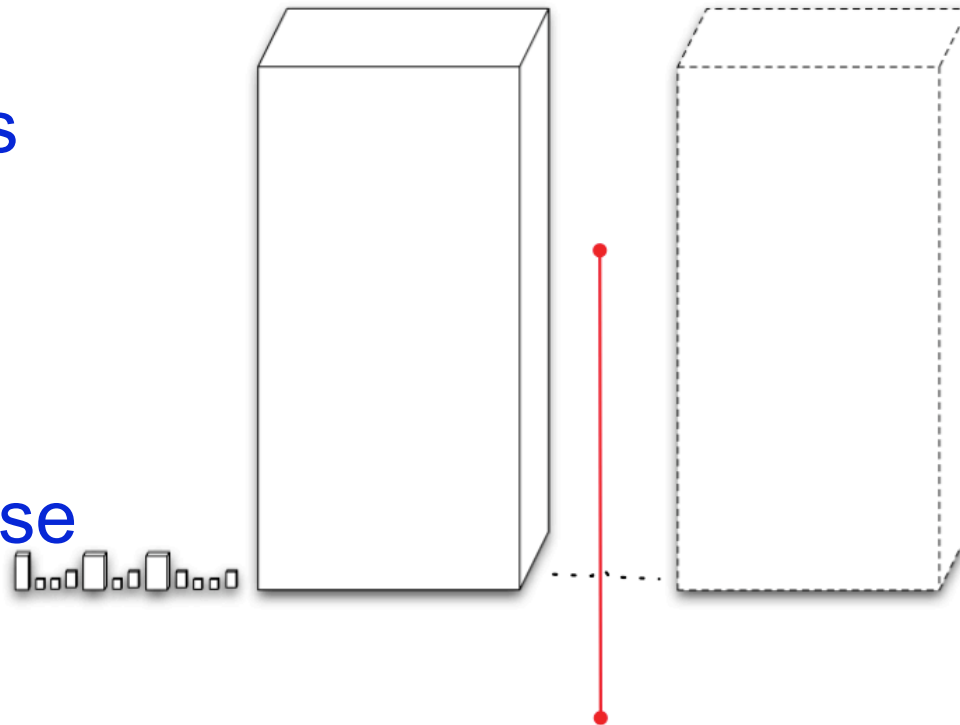
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Concerns

From Dubai

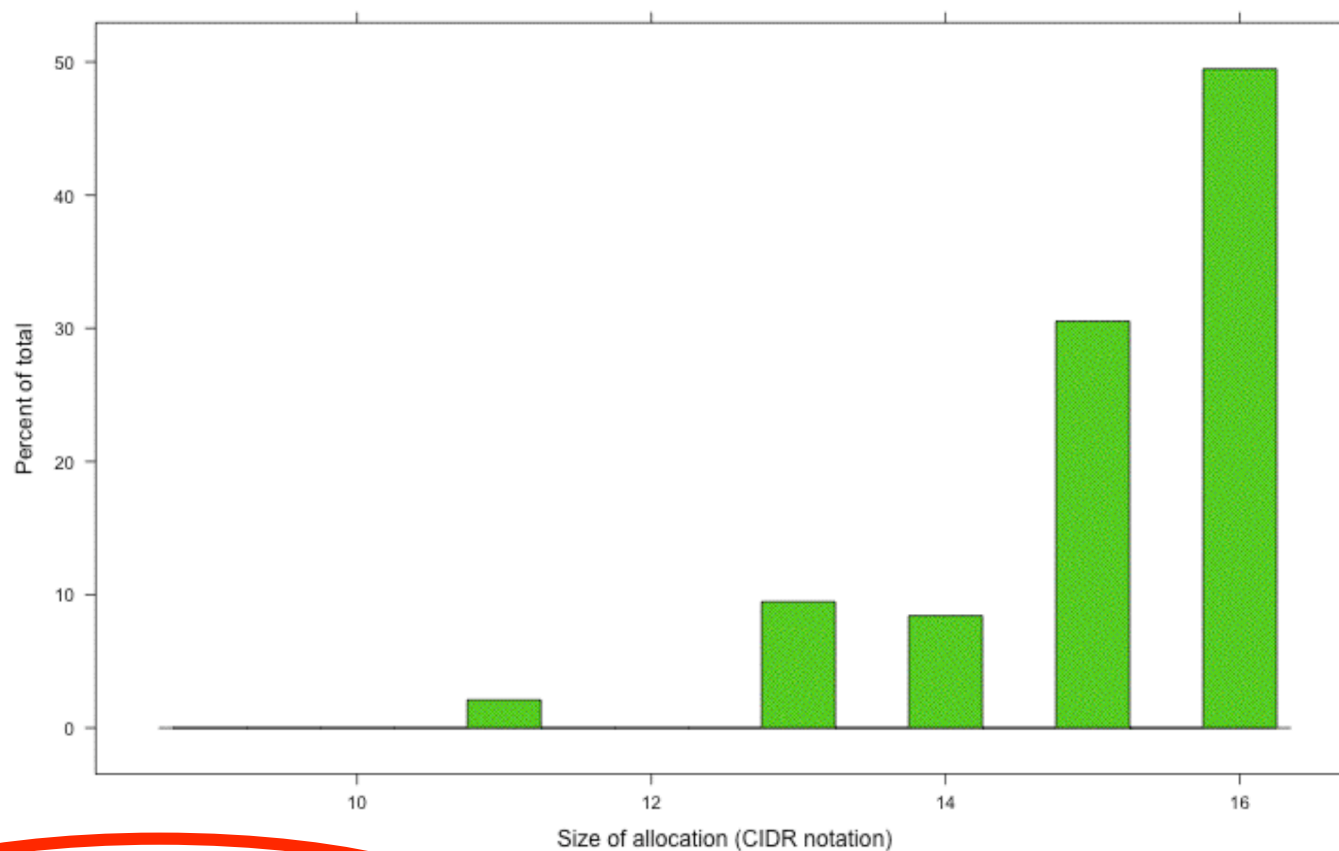
- From antagonistic societies:
 - War ?
- ***Really*** discredits RIPE policy process ***and*** RIPE NCC as institution
- This perceived unfairness may cause Internet breakage





Large Allocations 2001

RIPE NCC allocations made in 2001 (/16 and shorter)

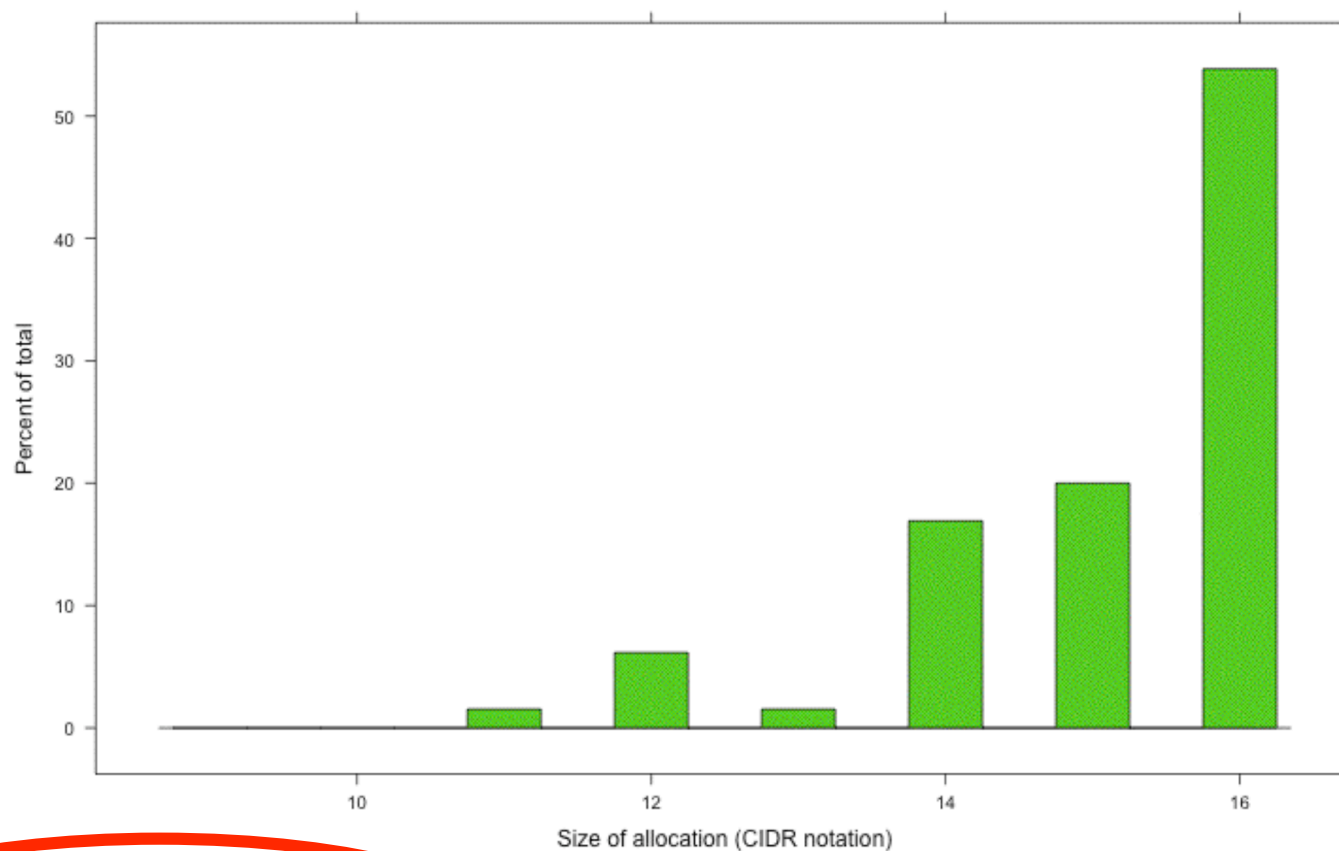


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Large Allocations 2002

RIPE NCC allocations made in 2002 (/16 and shorter)

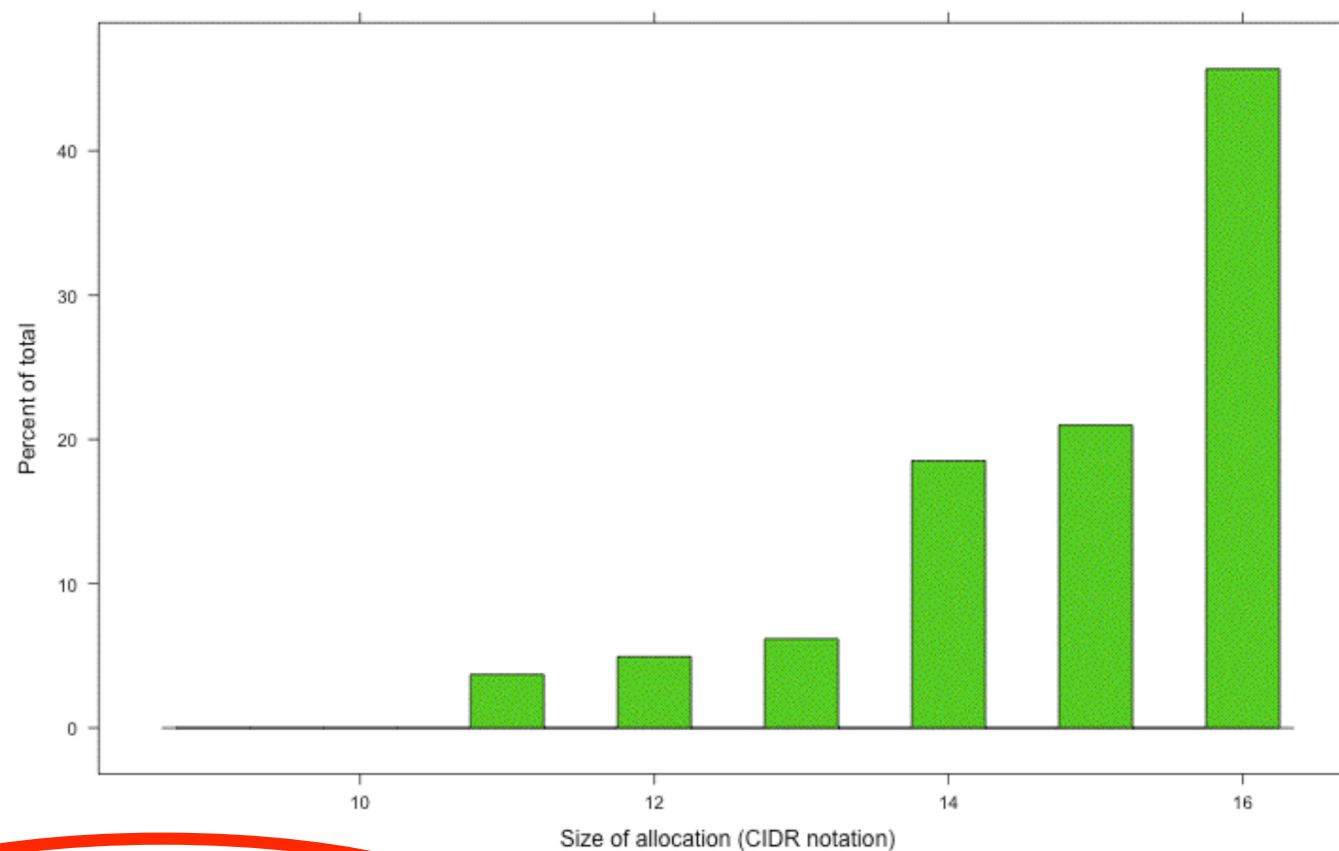


From Dubai



Large Allocations 2003

RIPE NCC allocations made in 2003 (/16 and shorter)

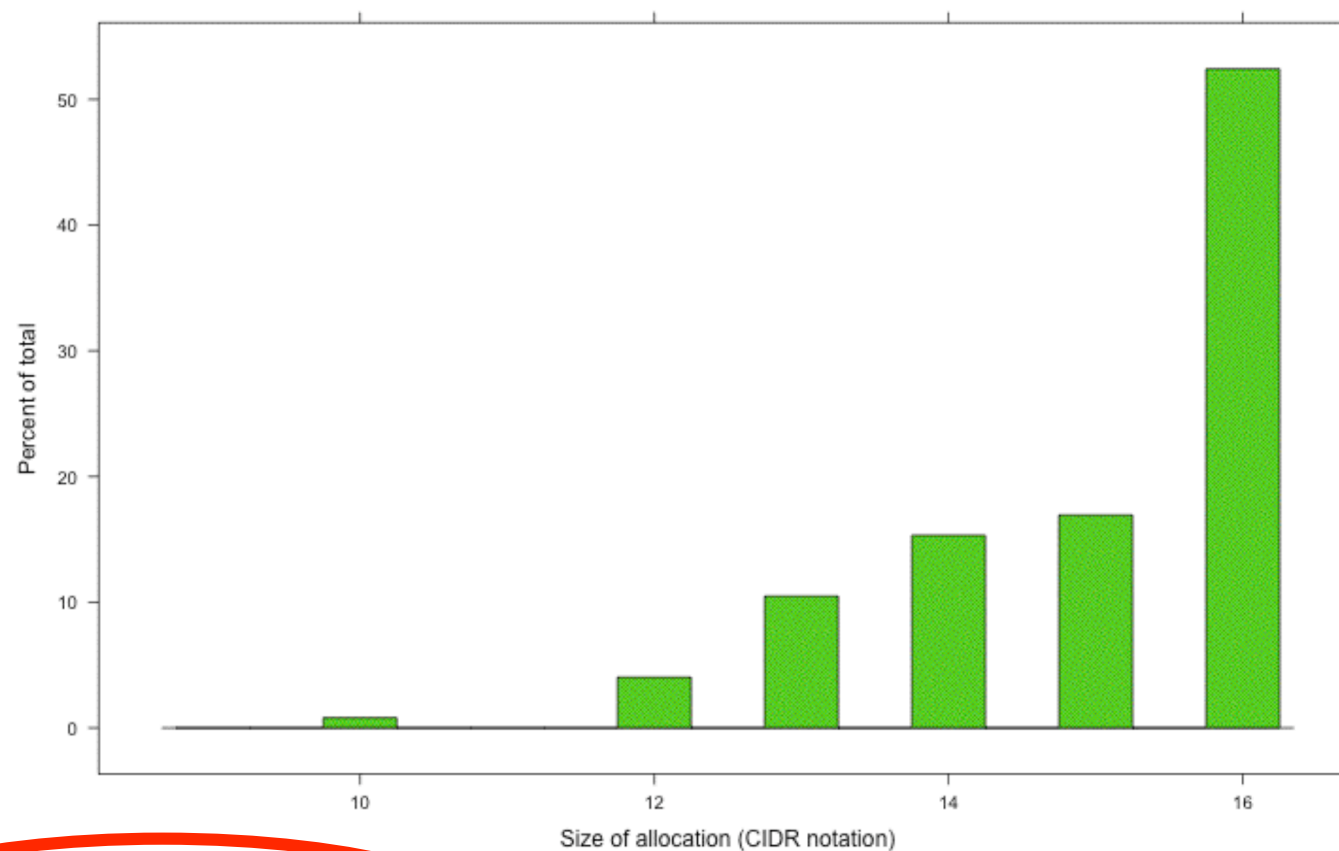


From Dubai



Large Allocations 2004

RIPE NCC allocations made in 2004 (/16 and shorter)

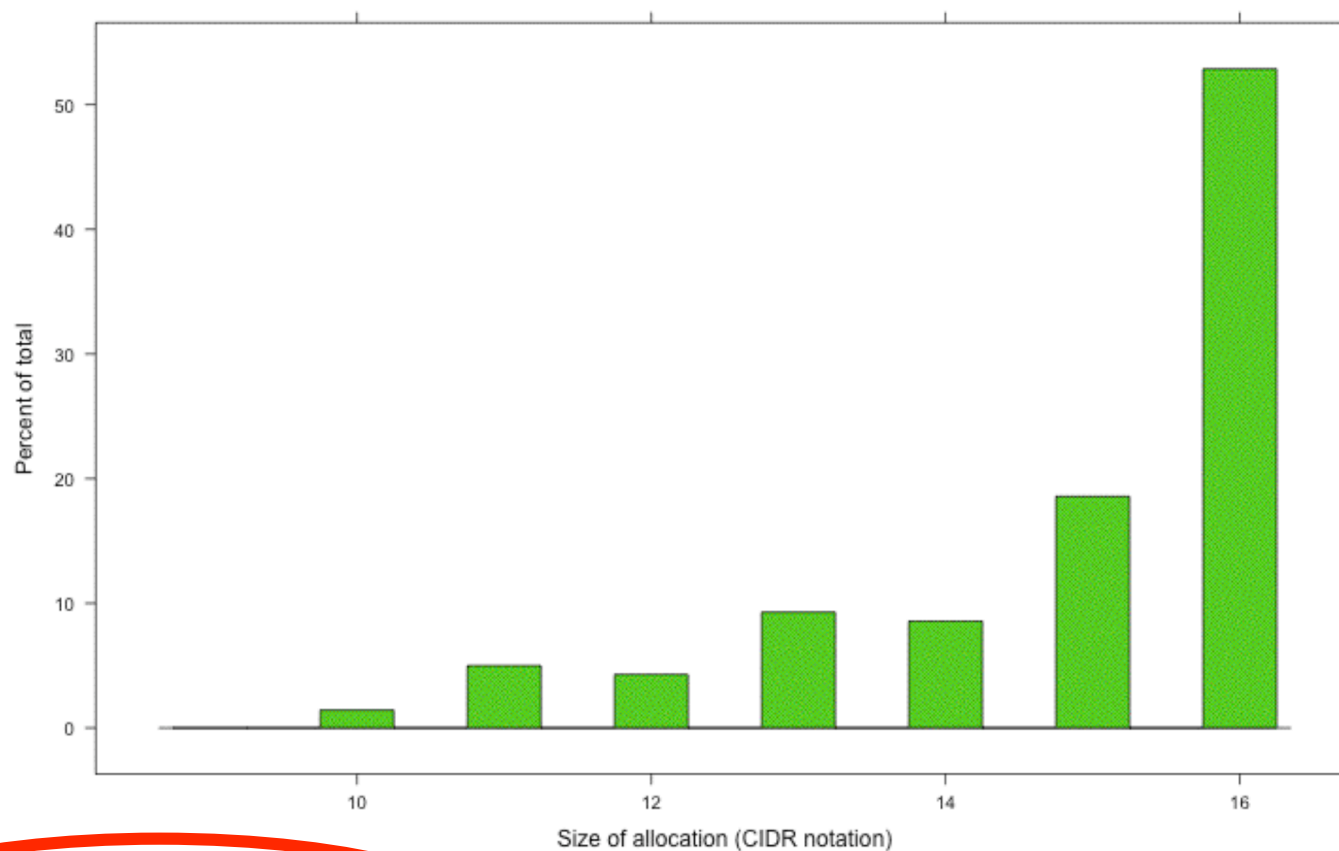


From Dubai



Large Allocations 2005

RIPE NCC allocations made in 2005 (/16 and shorter)

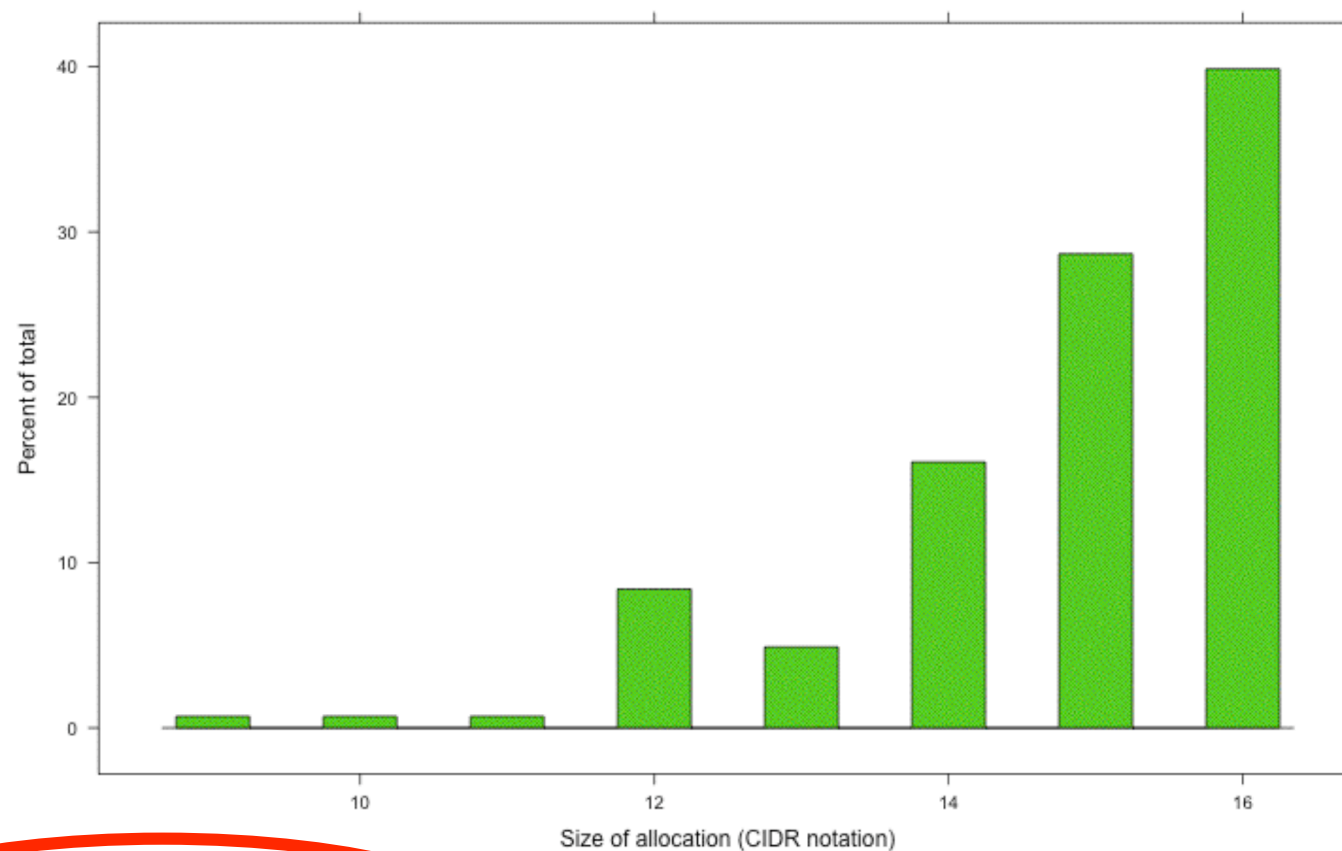


From Dubai



Large Allocations 2006

RIPE NCC allocations made in 2006 (/16 and shorter)

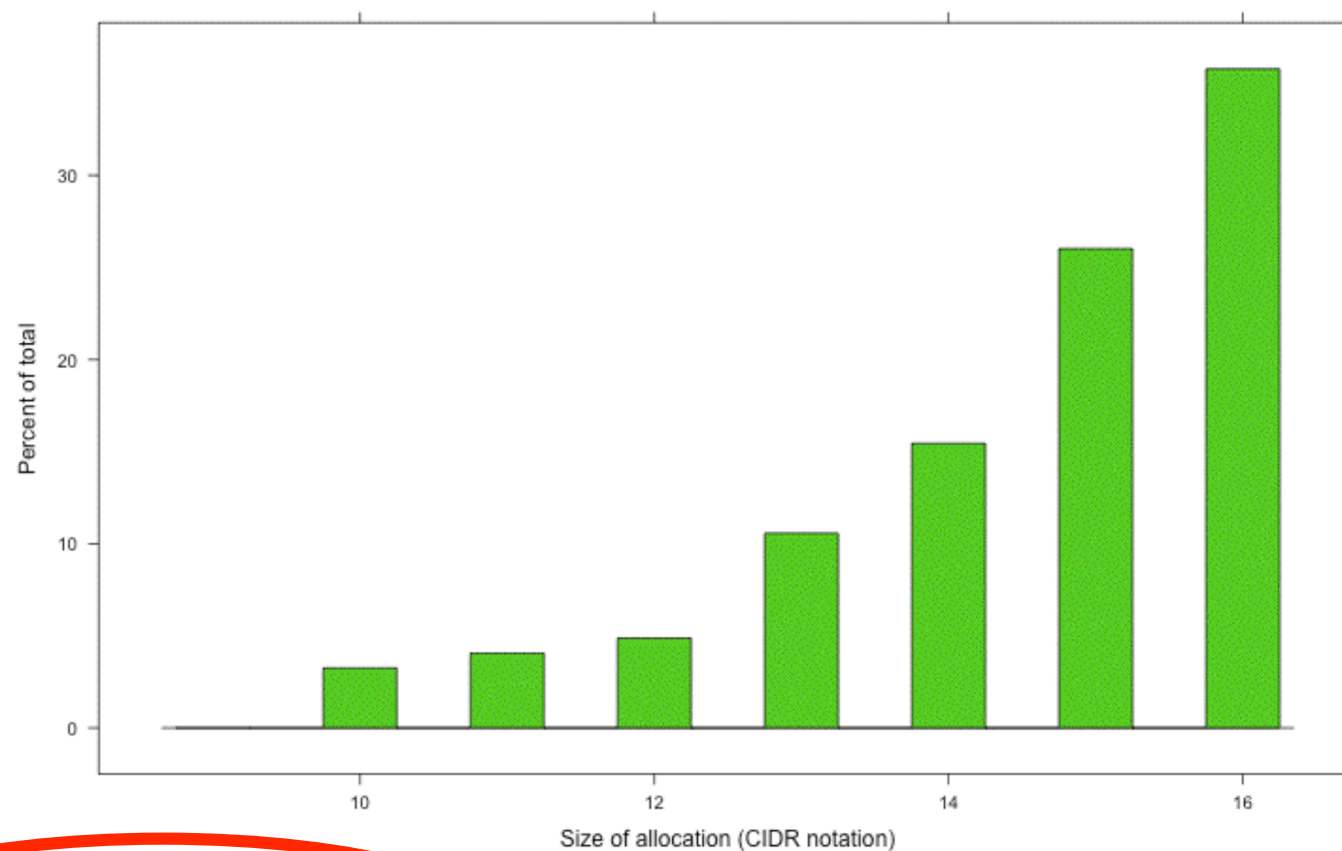


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Large Allocations 2007

RIPE NCC allocations made in 2007 (/16 and shorter)



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Proposed Policy

Run Out Fairly	2009-03	7 April 2009	Discussion	5 May 2009	Initial Community Discussion	Address Policy
<p>Summary: This is a proposal to gradually reduce the allocation and assignment periods in step with the expected life time of the IPv4 unallocated pool in order to address the perception of unfairness once the pool has run out. The proposal is not intended to stretch the lifetime of the unallocated pool. The proposal is independent of other proposals to reserve address space for transition purposes and/or new entrants. It can be implemented independently of these.</p>						

- Align time period for allocations & assignments to 12 months *immediately*.
- Utilisation target 50% at half of period.
- Reduce time period according to fixed schedule:
 - July 1st 2010: 9 months
 - January 1st 2011: 6 months
 - July 1st 2011: 3 months



Rationale



IPv4 Address Report

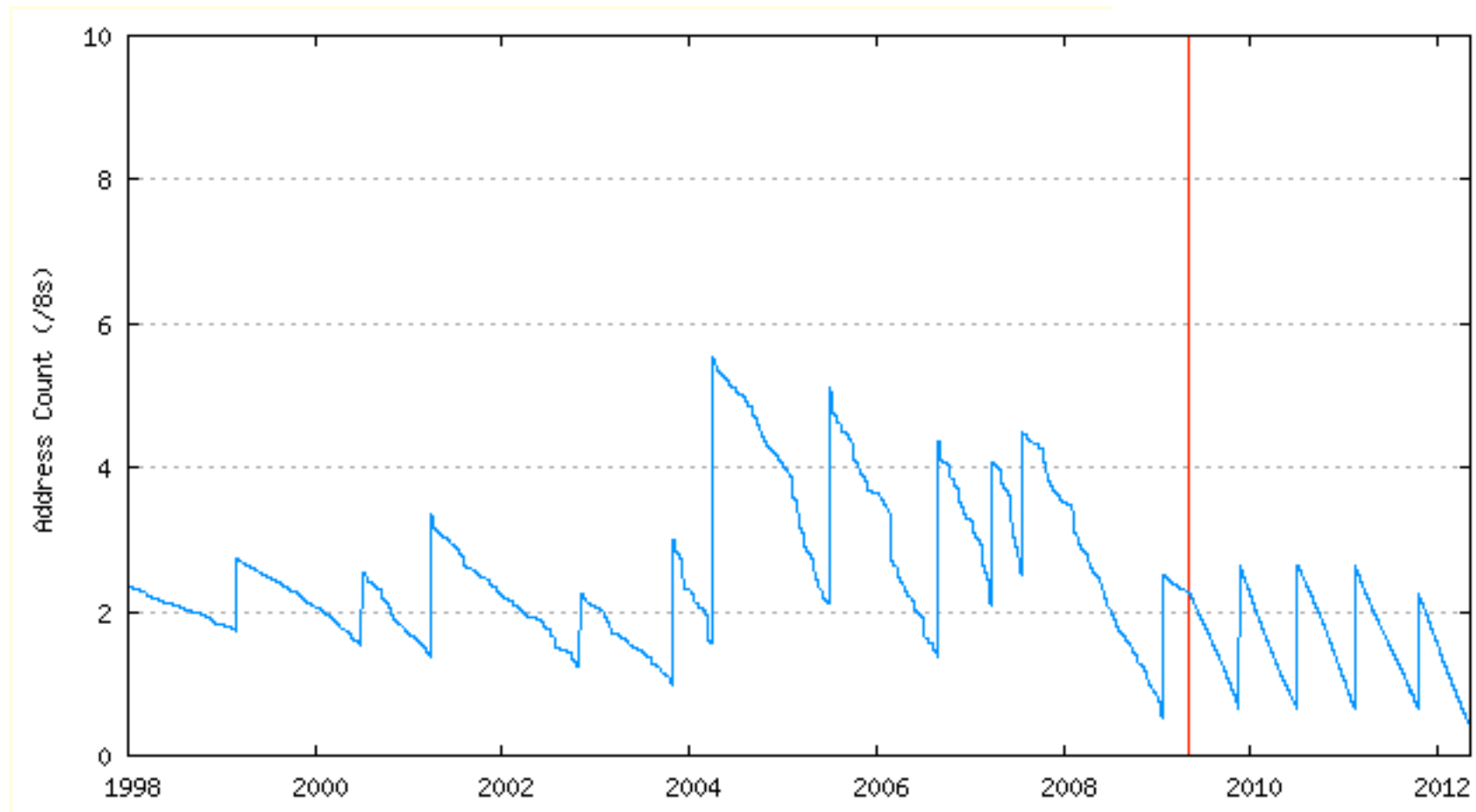
This report is auto-generated by a daily script. The report you are seeing here was generated at 05-May-2009 07:58 UTC+1000.

Projected IANA Unallocated Address Pool Exhaustion: 17-Aug-2011

Projected RIR Unallocated Address Pool Exhaustion: 07-May-2012



RIPE NCC Pool (Potaroo)





Fixed Schedule

The time line proposed here aims to set a schedule that roughly follows these projections and is simple and predictable at the same time.

No one can predict the actual point in time when the RIPE NCC pool will be exhausted.

We propose not to base policy on changing predictions but rather to decide on a reasonable schedule today that is fixed now and thus predictable.



Independent of Related Policies

The proposal is independent of other proposals to reserve address space for transition purposes and/or new entrants. It can be implemented independently these.

In particular there is no inter-dependency with
Use of final /8 (2008-6).

The time schedule of this proposal need only be updated if further policy changes drastically change the expected date of exhaustion of the unallocated pool.



Repeat

- This is about *perceived unfairness* and its potential consequences
- It is *not* about
 - “real” unfairness,
 - allocation efficiency,
 - making the IPv4 free pool last longer,
 - various previous “soft landing” proposals

From Dubai



Discussion

- Support this policy ?
- Tweak it ?
- Wordsmith it ?
- Progress it ?
- Drop it?

