

IPv6 Darknet Routing Alternatives

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Darknet Collection Routes

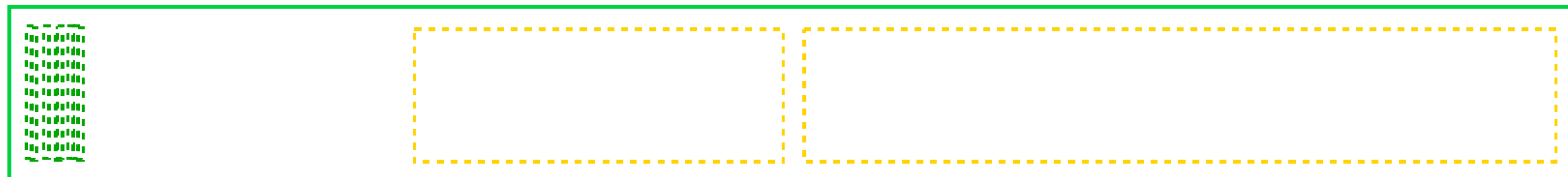
Allocations



Darknet /12



Darknet /14+/13



Collection with /12

- Collects maximum traffic for unannounced routes
- May collect some traffic to allocated addresses
 - If no routes announced for allocated addresses
 - Privacy concerns were raised in routing-wg
- Permitted by the other RIRs

Collection with /14+/13

- Collects from definitely unallocated addresses
 - less privacy concerns
- Much less traffic collected than other RIR /12s
 - see Manish's first results presentation to plenary
- Current permission for RIPE address space

More Fine Grained Routes

- Announce more fine grained routes for unallocated addresses
 - complex
 - cost / benefit

Guidance ?

- Alternatives:
 - status quo: /14+/13
 - /12
 - more fine grained
 - terminate participation
- Some guidance please, also on mailing list
- If no consensus, maintain status-quo?