

Private Address/AS Space

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Private Space – IPv4

- RFC1918 private address space, RFC 1930 private AS numbers
- Not uniquely allocated from authority, so they don't quite fit our model
- Two answers:
 - Don't use certs to authorize route originations of this space or to this space – use some separate process
 - Create local certs with local trust anchor – same procedure applies to global and local addresses

Private Space – IPv6

- RFC 4193 – Unique Local Address
 - Known prefix, randomly chosen “global id”
 - Same two choices as for RFC1918 space
- ULA – Centrally allocated (in ipv6 group)
 - draft-ietf-ipv6-ula-central-02.txt, draft-ietf-ipv6-ula-global-00.txt (others?)
 - RFC 4193 plus registration with authority
 - Differences as to whether RIRs have blocks
 - What is cert path if RIRs choose from same pool?
 - Not clear where this is going in ipv6

Questions

- Do we want architecture to discuss this
 - Even “use separate distinct process” should be said, right?
- What do we do about ULA work in ipv6
 - Watch and wait?
 - They may decide themselves to abandon this
 - Make suggestions about differences between alternatives?