

SA46T Multicast Support

draft-matsuhira-sa46t-mcast-00

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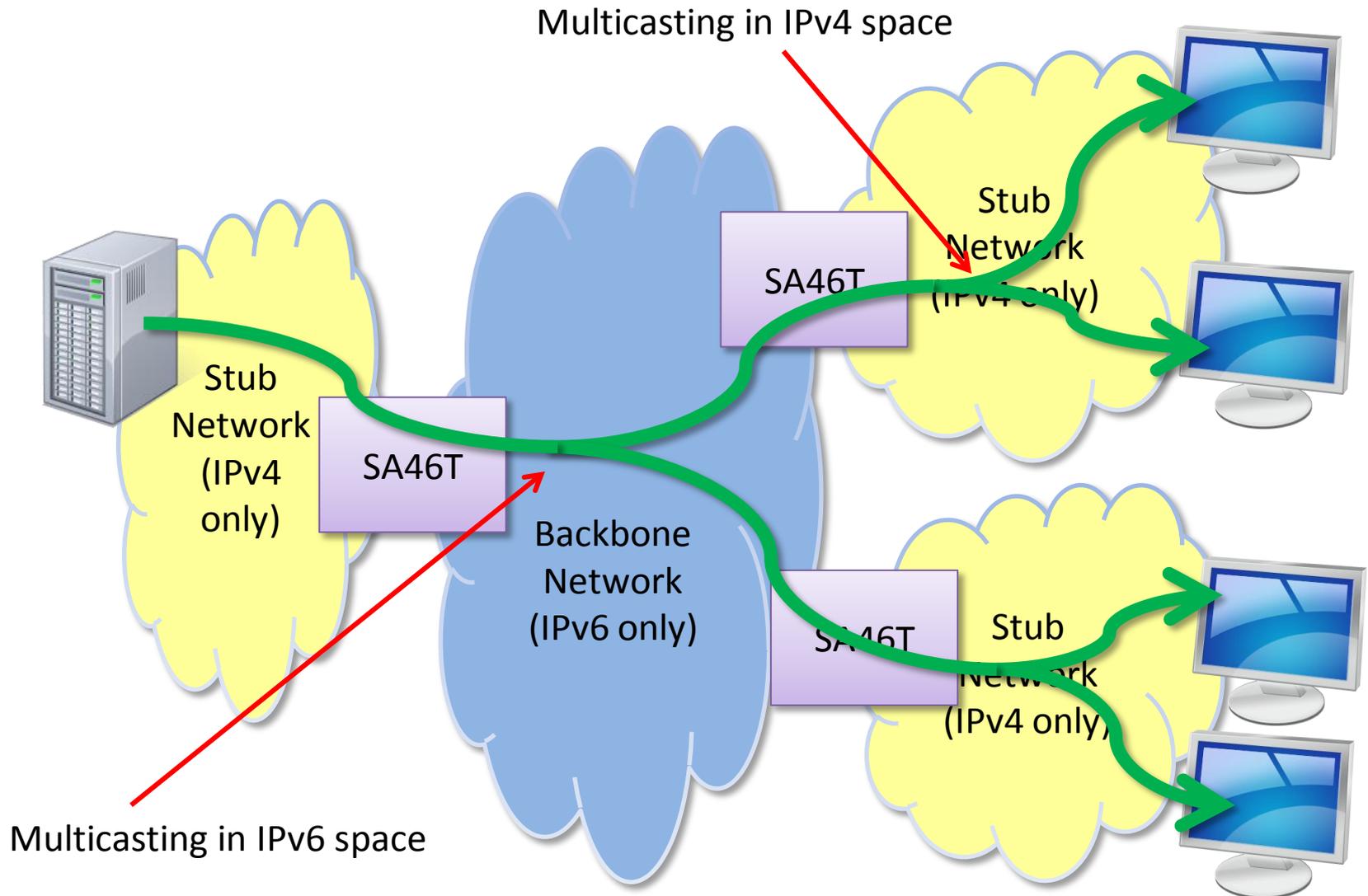
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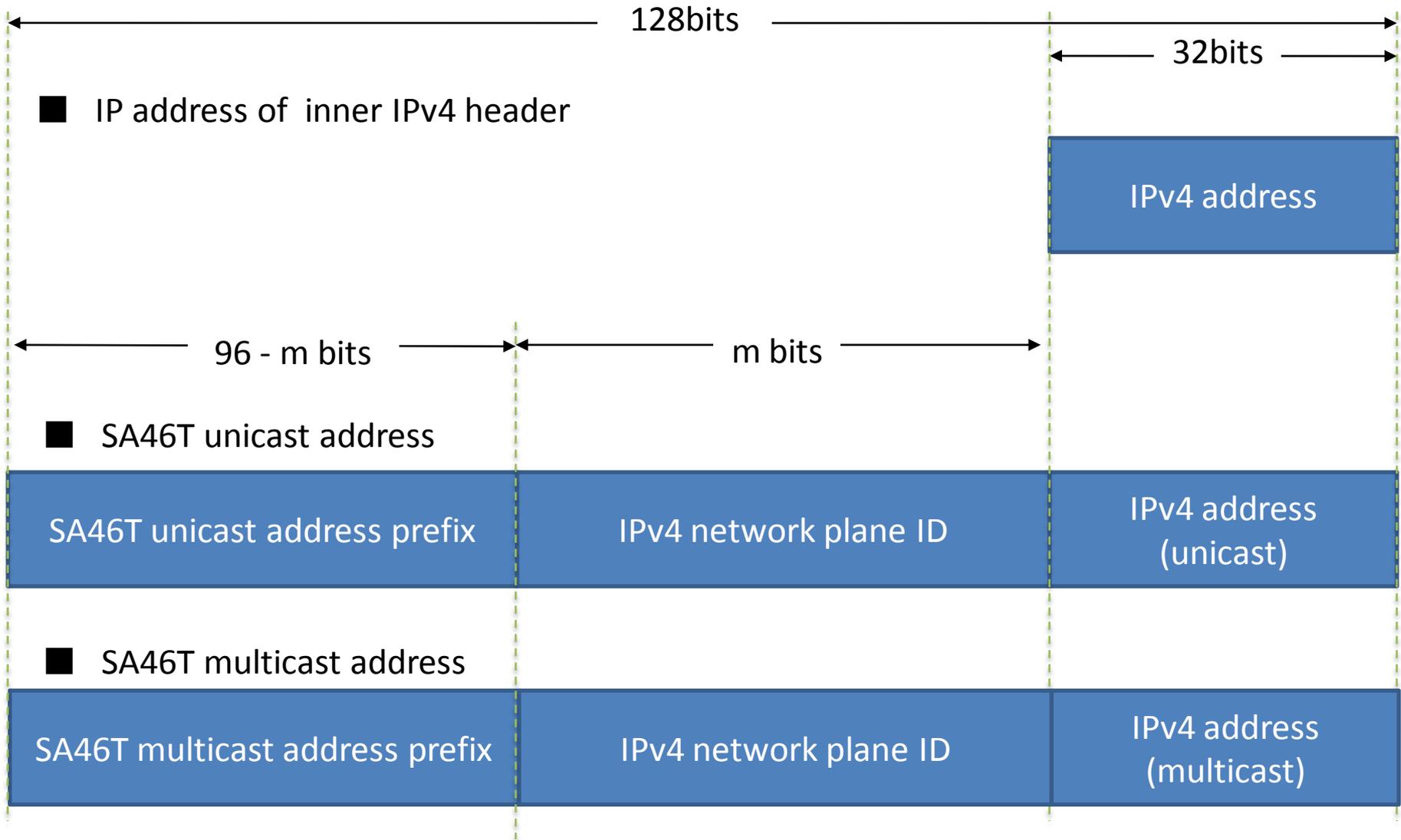
About Terminology of SA46T

- From Chairs slide at Beijing interim meeting
 - Tunnels
 - usually point-to-point, set-up protocol
 - Encapsulation
 - usually point-to-multipoint or multipoint-to-multipoint, no set-up protocol
- Terminology of SA46T
 - Should use "Encapsulation" rather than "Tunnels"
 - Stateless Automatic IPv4 over IPv6 encapsulation/de-encapsulation Technology
 - Abbreviation "SA46T" remain the same

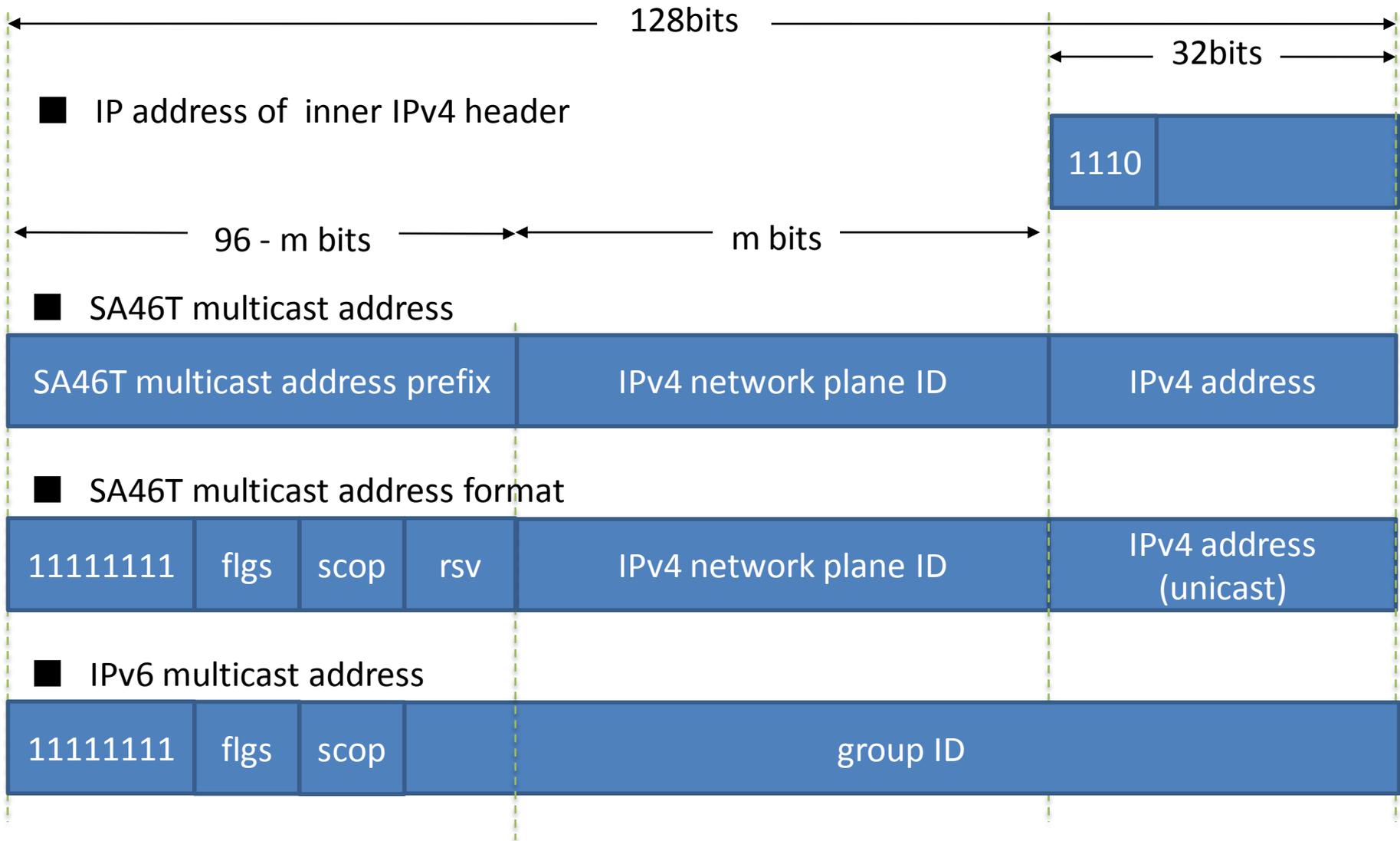
SA46T Multicast Support



SA46T address architecture

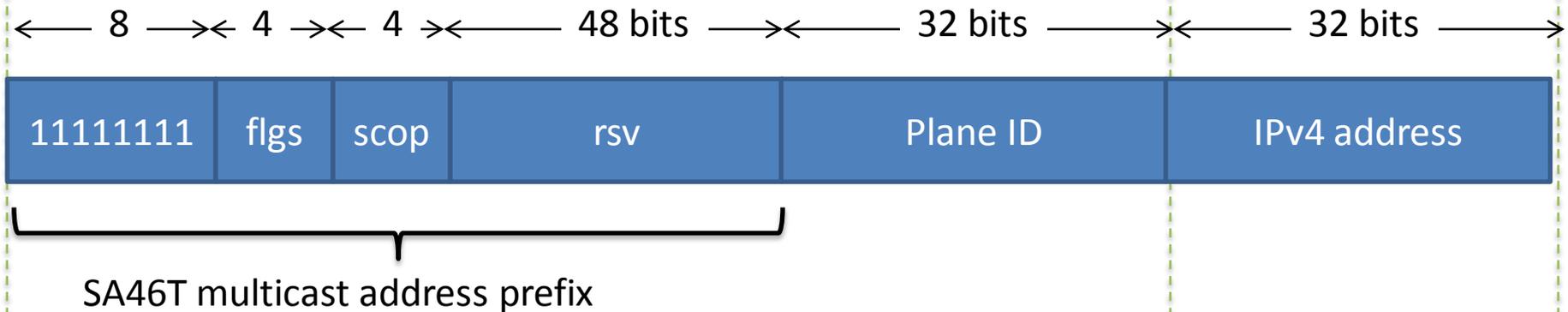


SA46T multicast address architecture

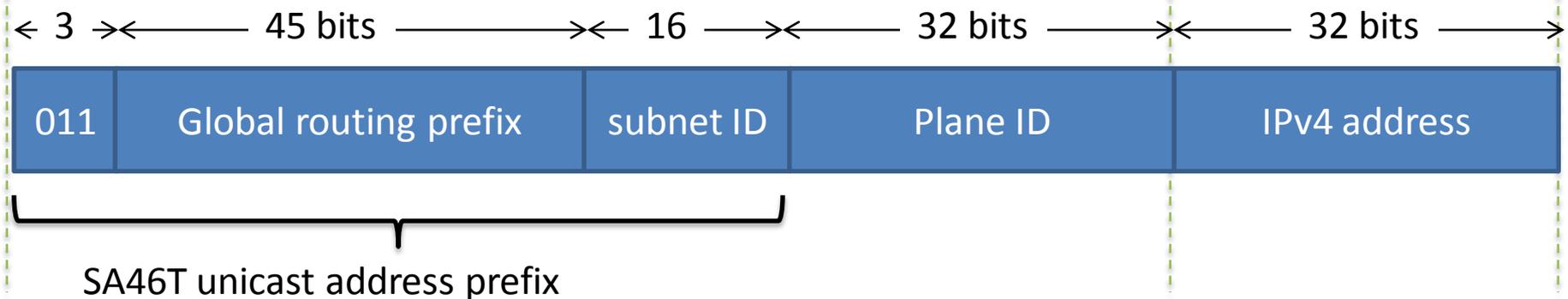


SA46T multicast address format example

■ SA46T multicast address format



■ SA46T unicast address format



Issue

- The information which indicate SA46T multicast address is needed
 - Because there is a possibility of these value is the same
 - group ID for IPv6 multicast
 - "rsv + IPv4 network plane ID + IPv4 multicast address"
- This information is TBD.
 - It will happen very rarely.
- Considering merge MAP effort including SA46T , SA46T mcast, and SA46T-AS