



RIPE Community Resolution on IPv4 Depletion and Deployment of IPv6

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- Although the Internet will continue to function as normal after this point, this event will have a significant influence on future network operations as well as IP address management and allocation policies.
- **IPv6 provides the necessary extra address space. Therefore, we recognise that the widespread deployment of IPv6 will be essential to sustain future growth of the Internet.**

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- ***new*** We urge equipment vendors to provide IPv6 support in their products, to make it possible for network operators and Internet Service Providers to provide these services.

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- We urge that the widespread deployment of IPv6 be made a high priority.

Proposed text

- 1) At current allocation rates, the remaining pool of unallocated IPv4 address space is likely to be allocated within the next two to four years. Although the Internet will continue to function as normal after this point this event will have a significant influence on future network operations as well as IP address management and allocation policies. Therefore we recognise that the widespread deployment of IPv6 will be essential to sustain future growth of the Internet.

- 2) We urge network operators and Internet Service Providers (ISPs) to deploy IPv6 across their networks as soon as possible. This deployment must include providing IPv6 access to End Users and ensuring services are accessible by IPv6.

- 3) We recognise that the responsibility for creating policies related to the management of critical Internet resources in the RIPE NCC service region rests with the RIPE community and the proven success of the RIPE Policy Development Process (PDP). In recognition of this responsibility, we commit to continue development of effective policies for the responsible management of IPv4 and IPv6 address space.

- 4) We agree that this situation requires a committed effort from network operators, ISPs and the RIPE community. We urge that the widespread deployment of IPv6 be made a high priority.

- 5) We urge equipment vendors to provide IPv6 support in their products, to make it possible for network operators and Internet Service Providers to provide these services.

DISCUSSION