



IPv6 mahdollistaa
paremman ja toimivamman
internetin kaikille käyttäjille

Myths about IPv6

1 After IPv6 has brought into use, I can stop using IPv4.

Although IPv6 will replace IPv4, this will become possible in the far future, and IPv4 can be removed first after when it is certain that it is no longer used in its own net. At this point, both protocol versions are necessary.

2 When a service is provided in parallel with IPv4 and IPv6, this slows down the use of the service because the service searches for less common IPv6 connections.

This could have been the case five years ago, but nowadays applications start searches with both protocol versions simultaneously and use the version that replies fastest. Results of various tests and surveys have shown that IPv6 may even make the user experience faster.

3 It is easier to manage IPv4 than IPv6. More competence is required at the level of operators.

The truth is that IPv6 and IPv4 differ from each other in terms of how to manage them. As long as both of these have to control side by side, slightly more competence is required. However, IPv6 has been designed so that it is easier to manage than IPv4. Therefore, there will be a situation at the end of the entire transfer process where less competence will be required.

4 There are too many IPv6 addresses and there is no need for them. On the contrary, they cause disadvantages to the calculations required for net administration.

The same subnet solution can be used for each imaginable need in IPv6. There is no longer need for the network administration to do calculation with regard to the size of the net in a certain place and where free space is available for such a net because same kind of nets are placed everywhere. Therefore, management of space address is not necessarily required anymore.

5 Modems block the IPv6 traffic, which is a risk in terms of the introduction.

Some of users' devices do not support the IPv6 protocol or the traffic is blocked due to issues related to information security. It is clear that, initially, a small group of users will be without a functioning IPv6 connection because of these problems. However, this is not a reason to delay the introduction since these users can continue using services with IPv4. With regard to others, IPv6 mainly improves the user experience.