
IPv4/IPv6 Dual Stack

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Project dates: December 2001 – May 2002

Manpower: 40 man-months

Team Leaders: Alexandra Kossovsky, Elena Vengerova, Senior Software Engineers

The client wanted us to implement a dual IPv4/IPv6 stack based on IPv4 stack implementation for their proprietary operating system.

The project included:

- Study of the client's operating system
- Updating our knowledge in IPv6
- Implementation of:
 - IPv6 RawIP & IPIF
 - ICMPv6
 - Neighbour Discovery / Address Resolution
 - IPv6 Unicast Forwarder
 - FIBv6
 - Neighbour Discovery/Routing
 - UDPv6
 - Tunnel Support
- Review of available IPv6 testing applications and test suites
- Development of IPv6 test suites using proprietary testing tool
- The final Integration and testing

The trips of OKTET engineers to the client's site were required on the design and integration phases

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