

120 « -10: »
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120- . -2014. - ., .2. - .287-289 »,

IPv6

Windows
IPv6" "IPv6- ". IP, ,
IPv4 232, 4
NAT
IPv4
90-4-8 , 100 IPv4
DCHP, " " IP- APIPA,
IPv4 IPv4
TCP/IP
IPsec, SSL, TLS
IPv4 , VoIP

Service). IPv4 , . . . (Quality of
Type of service,
, ,
IPv4.
IP- , IPv6
128- 128 , IPv4.
IPv6 16 ,
. : 21DA:00D3:0000:2F3B:02AA:00FF:FE28:9C5A.
. IPv6- :
(Global Routing Prefix) -
(Network ID) IPv4 .
(Subnet ID) -
(Subnet ID) IPv4.
(Interface ID) - Host ID IPv4,
. OSI Neighbor Discovery,
IPv4 Address Resolution
Protocol(ARP), ICMPv4 RouterDiscovery, andICMPv4 Redirect
Unicast- Multicast- .
ND , , - ,
broadcasts- , Multicast.
(). ND ,
IPSec ,
, DHCPv6,
IPv6 .
IPv4 IPv6. (,
.) ,
Link Local Global IPv6- .
IPv6 () .
. : ,

preferred -
deprecated -

;

preferred.

deprecated

IPv6-

DuplicateAddressDetection.

IPv4 IPv6

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IPv4. IPv6
IPv4

IPv6 IPv4,
IPv4-

IPv4

IPv6-

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Windows XP IPv6 IPv4.
Windows Server 2003,

IPv6.

IPv6-

IPv4-

IPv6

"IPv6 -

IPv6.

IPv6