

[] IPv6 Neighbor Discovery

IPv6 가 Neighbor Discovery (NDP, RFC 4861) . IPv6 . IPv6 NDP가 . IETF NDP Broadcasting/Multicasting IEEE 802.16 Broadcasting/Multicasting 가 IETF (1)16NG Working Group (WG) (2)6LoWPAN WG NDP 가 WG

(1)16NG Working Group: <http://www.ietf.org/html.charters/16ng-charter.html>

IEEE 802.16 IP

(2)6LoWPAN Working Group: <http://www.ietf.org/html.charters/6lowpan-charter.html>

IEEE 802.15 IP

16NG WG NDP

IPv6 NDP IPv6 . IEEE 802.16 Point-to-Point Broadcasting Multicasting . Sleep/Idle IEEE 802.16 NDP Broadcasting/Multicasting IPv6 (Router Advertisement) RFC 4861 AdvDefaultLifetime(IPv6 Default Router) MaxRtrAdvInterval(Router Advertisement) IEEE 802.16 Sleep/Idle . 16NG WG 가 Router Advertisement IPv6 NDP(RFC 4861) Sleep/Idle 가 .

	RFC 4861	16NG WG
AdvDefaultLifetime	3 * MaxRtrAdvInterval (: 0 MaxRtrAdvInterval ~ 9,000)	2 * MaxRtrAdvInterval (: 0 MaxRtrAdvInterval ~ 43,200)

MaxRtrAdvInterval	: 600 (: 4 ~ 1,800)	: 10,800 (: 4 ~ 21,600)
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6LoWPAN WG NDP

16NG WG IPv6 NDP IETF Low Power
 WPAN(IEEE 802.15.4) IPv6 6LoWPAN
 . 6LoWPAN
 RFC 4861 NDP
 . 6LoWPAN WG Neighbor
 Discovery Optimization WG
 16NG WG NDP .

IPv6

IPv6
 . IPv6
 IPv6 IP-USN
 IETF 가 . IPv6
 IETF
 NDP .

Neighbor Discovery IETF

- <http://www.ietf.org/internet-drafts/draft-ietf-16ng-ipv6-over-ipv6cs-11.txt>
- <http://www.watersprings.org/pub/id/draft-chakrabarti-lowpan-ipv6-nd-00.txt>

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