

NDP

The Neighbor Discovery Protocol - NDP - is an [IPv6](#) protocol used for discovery and redirect similar to [ARP](#) and [ICMP](#) for [IPv4](#).

It is used to handle address configuration, node discovery, address determination, duplicate addresses detection, location of available routers and [DNS](#) servers, address prefix discovery, and maintenance of reachability information.

Packets

NDP defines five ICMPv6 packet types for communication:

- [Neighbor Advertisement](#)
- [Neighbor Solicitation](#)
- [Router Advertisement](#)
- [Router Solicitation](#)
- [Network Redirect](#)

Statuses

- [NDP status](#)

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