



PEACH
FUZZER

DHCPv6 Peach Pit
Data Sheet

- Peach Pit: DHCPv6
- Target: Client, Server
- Supported Platforms: Windows, Linux, OS X

Dynamic Host Configuration Protocol Version 6 (DHCPv6) is a variation of the DHCPv4 protocol for the IPv6 address space.

Like DHCPv4, DHCPv6 allocates addresses from a central server and requests are broadcast across the link layer.

Unlike IPv4, hosts on an IPv6 network can automatically assign an address without DHCP or a central server with stateless address auto-configuration.

Hosts can still use DHCPv6 even if they are not requesting an address to configure other network parameters (like DNS settings).

Specifications

Specification	Title
RFC3315	Dynamic Host Configuration Protocol for IPv6 (DHCPv6)

Use Cases

Messages	Specification
DHCPv6 Message	RFC3315 (Section 6)
Relay Agent Message	RFC3315 (Section 7)

Supported Features	Specification
SOLICIT	RFC3315 (Section 5.3)
ADVERTISE	RFC3315 (Section 5.3)
REQUEST	RFC3315 (Section 5.3)
REPLY	RFC3315 (Section 5.3)