

Manual:IPv6/Pool

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Applies
to
RouterOS: v5.7+



Summary

Sub-menu: /ipv6 pool

Standards:

Package : IPv6

IPv6 pools are used to define range of IPv6 addresses that is used for DHCPv6 server and Point-to-Point servers

IPv6 pools simply group IPv6 addresses for further usage. It is a single configuration point for all features that assign IPv6 addresses to clients.

Pool Configuration

Property	Description
name (<i>string</i> ; Default:)	Descriptive name of the pool.

prefix (*IPv6/0..128*; Default:)

IPv6 address prefix

prefix-length (*integer [1..128]*; Default:)

Option represents the prefix size that will be give out to the client.

Read-only properties

Property	Description
dynamic (<i>yes no</i>)	Whether pool is dynamic.
id (<i>integer</i>)	
expire-time (<i>time</i>)	Expire time is set to dynamic pools added by DHCPv6 client.

Example

Example will create a pool of "2001::/60" to give out /62 prefixes:

```
[admin@test-host] /ipv6 pool> add
name: test
prefix: 2001::/60
prefix-length: 62
[admin@test-host] /ipv6 pool> print
# NAME          PREFIX          PREFIX-LENGTH
0 test          2001::/60      62bits
[admin@test-host] /ipv6 pool>
```

Used Addresses from Pool

Sub-menu: /ipv6 pool used

In this menu you can see all used IPv6 addresses from the pools.

All properties are read-only.

Property	Description
info (<i>string</i>)	Shows DUID related information received from client (value in hex).Can contain also raw timestamp in hex.
owner (<i>string</i>)	What reserved the prefix ("DHCP", etc.)
pool (<i>string</i>)	Name of the pool.
prefix (<i>IPv6/0..128</i>)	IPv6 prefix that is assigned to client form the pool.

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