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Difficulties

IPv4
IP scan: 0.0.0.0-255.255.255.255
cost: several hours - several days

IPv6
IP scan: MISSION IMPOSSIBLE
cost: several months - long lifetime

A not well managed network.
No IP list available.
Which IP addresses have been used?
Type: 39. It is 8-bit identifier of the Collection Point option type.
Collection Point Address:
A 128-bit IPv6 address of the Collection Point.
Scenarios

used alone:
- unintended IPv6 hosts discovery
- get IPv6 hosts list, do further IP scan and vul scan
- hosts and vul management
- IPv6 network audit

in combination:
- YANG module for reporting data
- protocols for network config, for example, NETCONF
- fully management of network
- ......