ICMP Type

- The Internet Control Message Protocol (ICMP) sử dụng cho việc trao đổi thông tin cũng như error messages trong Internet Protocol (IP).

- ICMP types can be used in firewalld to limit the exchange of these messages.

Options

icmptype

- The mandatory icmptype start and end tag defines the icmptype.

- This tag can only be used once in an icmptype configuration file. This tag has optional attributes:

version="string"

- To give the icmptype a version.

short

- Is an optional start and end tag and is used to give an icmptype a more readable name.

description

- Is an optional start and end tag to have a description for a icmptype.

destination

- Is an optional empty-element tag and can be used only once. The destination tag specifies if an icmptype entry is available for IPv4 and/or IPv6. The default is IPv4 and IPv6, where this tag can be missing.

ipv4="bool"

- Describes if the icmptype is available for IPv4.

ipv6="bool"

- Describes if the icmptype is available for IPv6.

Examples

echo-request

<?xml version="1.0" encoding="utf-8"?>

<icmptype>

<short>Echo Request (ping)</short>

<description>This message is used to test if a host is reachable mostly with the ping utility.</description>

</icmptype>

echo-reply

<?xml version="1.0" encoding="utf-8"?>

<icmptype>

<short>Echo Reply (pong)</short>

<description>This message is the answer to an Echo Request.</description>

</icmptype>