
iputils

Release 0.5.8

Aug 17, 2019

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1.1 iputils package

1.1.1 Module contents

exception `iputils.IPEXception`

Bases: `Exception`

class `iputils.IPUtils`

Bases: `object`

classmethod `check_ip_valid(ip)`

classmethod `check_ips_valid(*ips)`

classmethod `get_broadcast_addr(ip)`

`ip` – IP

Parameters

Returns

classmethod `get_ip_amount(network, strict=False)`

IP

Parameters

- `network` –
- `strict` –

Returns IP

Return type `int`

classmethod `get_network_addr(ip)`

`ip` – IP

Parameters

Returns

classmethod `int_to_ip(number, version=4)`

classmethod `ip_to_int(ip)`

classmethod `is_in_network(ip, network, strict=True)`

IP

Parameters

- `ip` –
- `network` –
- `strict` –

Returns

classmethod `is_ip_in_network(ip1, network_ip, strict=False)`

classmethod `is_ips_equal(*ips)`

IP

Parameters `ips` –

Returns

classmethod `is_ipv4(ip)`

IPv4

Parameters `ip` –

Returns

classmethod `is_ipv6(ip)`

IPv6

Parameters `ip` –

Returns

classmethod `is_network(ip, strict=True)`

Parameters

- `ip` –
- `strict` – `True`

Returns

classmethod `is_same_ip_version(ip1, ip2)`

classmethod `is_special_ip(ip, check_link_local=True, check_multicast=True, check_loopback=True, check_reserved=True, check_site_local=True, check_unspecified=True)`

IP

Parameters `ip` –

Returns

classmethod `is_subnet(ip1, ip2, exchange=True)`

classmethod `is_useable_ip(ip, check_reserved=True)`

classmethod `is_valid(ip)`

IP

Parameters `ip` – IP(4/6)

Returns

classmethod with_netmask(*ip*)
IP

Parameters **ip** – IP

Returns

classmethod with_prefix(*ip*)
IP

Parameters **ip** – IP

Returns

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