### linux-network-interfaces

Retrieves network interface settings and statistics information.

#### Syntax

linux-network-interfaces

#### Description

This command collects network interface settings and statistics information based on the interface flags in files under /sys/class/net/, each statistic value in files under the statistics directory, and the execution result of the ip address show command.

After running the linux-network-interfaces command, the output fields are as follows:

**Output Fields**

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| iface | String | Interface name |
| status | String | Interface status |
| mtu | Integer | Maximum transfer unit |
| ip\_addr | IPv4 address | IPv4 address |
| netmask | IPv4 address | IPv4 netmask |
| ip\_addr6 | IPv6 address | IPv6 address |
| prefix\_len | Long | IPv6 prefix |
| rx\_pkts | Long | Number of packets received |
| rx\_bytes | Long | Received data in bytes |
| rx\_errors | Long | Number of packet received with errors, such as checksum mismatch |
| rx\_drops | Long | Number of packet received discarded for reasons such as destination mismatch |
| rx\_overruns | Long | Number of packet received but discarded for reasons such as receive queue overrun |
| tx\_pkts | Long | Number of packets tranferred |
| tx\_bytes | Long | Transferred data in bytes |
| tx\_errors | Long | Number of packet not transmitted due to an error |
| tx\_drops | Long | Number of packet not transmitted for reasons such as destination mismatch |
| tx\_overruns | Long | Number of packet not transmitted for reasons such as transfer queue overrun |
| tx\_carrier | Long | Number of disconnections |
| tx\_collisions | Long | Packets with collision |