

dist-rtr01 show interfaces

```
{

"GigabitEthernet1": {

  "arp_timeout": "04:00:00",

  "arp_type": "arpa",

  "auto_negotiate": true,

  "bandwidth": 1000000,

  "counters": {

    "in_broadcast_pkts": 0,

    "in_crc_errors": 0,

    "in_errors": 0,

    "in_frame": 0,

    "in_giants": 0,

    "in_ignored": 0,

    "in_mac_pause_frames": 0,

    "in_multicast_pkts": 0,

    "in_no_buffer": 0,

    "in_octets": 4488070,

    "in_overrun": 0,

    "in_pkts": 66322,

    "in_runs": 0,

    "in_throttles": 0,

    "in_watchdog": 0,

    "last_clear": "never",

    "out_babble": 0,

    "out_broadcast_pkts": 0,
```

```
"out_buffer_failure": 0,

"out_buffers_swapped": 0,

"out_collision": 0,

"out_deferred": 0,

"out_errors": 0,

"out_interface_resets": 2,

"out_late_collision": 0,

"out_lost_carrier": 1,

"out_mac_pause_frames": 0,

"out_multicast_pkts": 0,

"out_no_carrier": 0,

"out_octets": 9212020,

"out_pkts": 64872,

"out_underruns": 0,

"out_unknown_protocol_drops": 212,

"rate": {

    "in_rate": 6000,

    "in_rate_pkts": 8,

    "load_interval": 300,

    "out_rate": 11000,

    "out_rate_pkts": 9

}

},

"delay": 10,

"description": "to port6.sandbox-backend",

"duplex_mode": "full",
```

```
"enabled": true,

"encapsulations": {

  "encapsulation": "arpa"

},

"flow_control": {

  "receive": false,

  "send": false

},

"ipv4": {

  "10.10.20.175/24": {

    "ip": "10.10.20.175",

    "prefix_length": "24"

  }

},

"keepalive": 10,

"last_input": "00:00:00",

"last_output": "00:00:00",

"line_protocol": "up",

"link_type": "auto",

"mac_address": "5254.001f.b4db",

"media_type": "Virtual",

"mtu": 1500,

"oper_status": "up",

"output_hang": "never",

"phys_address": "5254.001f.b4db",

"port_channel": {
```

```
"port_channel_member": false

},

"port_speed": "1000mbps",

"queues": {

  "input_queue_drops": 0,

  "input_queue_flushes": 0,

  "input_queue_max": 375,

  "input_queue_size": 0,

  "output_queue_max": 40,

  "output_queue_size": 0,

  "queue_strategy": "fifo",

  "total_output_drop": 0

},

"reliability": "255/255",

"rxload": "1/255",

"txload": "1/255",

"type": "CSR vNIC"

},

"GigabitEthernet2": {

  "arp_timeout": "04:00:00",

  "arp_type": "arpa",

  "auto_negotiate": true,

  "bandwidth": 1000000,

  "counters": {

    "in_broadcast_pkts": 0,

    "in_crc_errors": 0,
```

"in_errors": 0,

"in_frame": 0,

"in_giants": 0,

"in_ignored": 0,

"in_mac_pause_frames": 0,

"in_multicast_pkts": 0,

"in_no_buffer": 0,

"in_octets": 0,

"in_overrun": 0,

"in_pkts": 0,

"in_runs": 0,

"in_throttles": 0,

"in_watchdog": 0,

"last_clear": "never",

"out_babble": 0,

"out_broadcast_pkts": 0,

"out_buffer_failure": 0,

"out_buffers_swapped": 0,

"out_collision": 0,

"out_deferred": 0,

"out_errors": 0,

"out_interface_resets": 2,

"out_late_collision": 0,

"out_lost_carrier": 1,

"out_mac_pause_frames": 0,

"out_multicast_pkts": 0,

```
"out_no_carrier": 0,

"out_octets": 139965,

"out_pkts": 989,

"out_underruns": 0,

"out_unknown_protocl_drops": 0,

"rate": {

  "in_rate": 0,

  "in_rate_pkts": 0,

  "load_interval": 300,

  "out_rate": 0,

  "out_rate_pkts": 0

}

},

"delay": 10,

"description": "L3 Link to core-rtr01",

"duplex_mode": "full",

"enabled": true,

"encapsulations": {

  "encapsulation": "arpa"

},

"flow_control": {

  "receive": false,

  "send": false

},

"ipv4": {

  "172.16.252.21/30": {
```

```
"ip": "172.16.252.21",

"prefix_length": "30"

}

},

"keepalive": 10,

"last_input": "never",

"last_output": "00:00:06",

"line_protocol": "up",

"link_type": "auto",

"mac_address": "5254.001e.d479",

"media_type": "Virtual",

"mtu": 1500,

"oper_status": "up",

"output_hang": "never",

"phys_address": "5254.001e.d479",

"port_channel": {

    "port_channel_member": false

},

"port_speed": "1000mbps",

"queues": {

    "input_queue_drops": 0,

    "input_queue_flushes": 0,

    "input_queue_max": 375,

    "input_queue_size": 0,

    "output_queue_max": 40,

    "output_queue_size": 0,
```

```
"queue_strategy": "fifo",

"total_output_drop": 0

},

"reliability": "255/255",

"rxload": "1/255",

"txload": "1/255",

"type": "CSR vNIC"

},

"GigabitEthernet3": {

"arp_timeout": "04:00:00",

"arp_type": "arpa",

"auto_negotiate": true,

"bandwidth": 1000000,

"counters": {

"in_broadcast_pkts": 0,

"in_crc_errors": 0,

"in_errors": 0,

"in_frame": 0,

"in_giants": 0,

"in_ignored": 0,

"in_mac_pause_frames": 0,

"in_multicast_pkts": 0,

"in_no_buffer": 0,

"in_octets": 0,

"in_overrun": 0,

"in_pkts": 0,
```


"in_runs": 0,

"in_throttles": 0,

"in_watchdog": 0,

"last_clear": "never",

"out_babble": 0,

"out_broadcast_pkts": 0,

"out_buffer_failure": 0,

"out_buffers_swapped": 0,

"out_collision": 0,

"out_deferred": 0,

"out_errors": 0,

"out_interface_resets": 2,

"out_late_collision": 0,

"out_lost_carrier": 1,

"out_mac_pause_frames": 0,

"out_multicast_pkts": 0,

"out_no_carrier": 0,

"out_octets": 140366,

"out_pkts": 990,

"out_underruns": 0,

"out_unknown_protocol_drops": 0,

"rate": {

 "in_rate": 0,

 "in_rate_pkts": 0,

 "load_interval": 300,

 "out_rate": 0,

```
    "out_rate_pkts": 0

  },

},

"delay": 10,

"description": "L3 Link to core-rtr02",

"duplex_mode": "full",

"enabled": true,

"encapsulations": {

  "encapsulation": "arpa"

},

"flow_control": {

  "receive": false,

  "send": false

},

"ipv4": {

  "172.16.252.25/30": {

    "ip": "172.16.252.25",

    "prefix_length": "30"

  }

},

"keepalive": 10,

"last_input": "never",

"last_output": "00:00:07",

"line_protocol": "up",

"link_type": "auto",

"mac_address": "5254.0006.f7ce",
```

```
"media_type": "Virtual",

"mtu": 1500,

"oper_status": "up",

"output_hang": "never",

"phys_address": "5254.0006.f7ce",

"port_channel": {

    "port_channel_member": false

},

"port_speed": "1000mbps",

"queues": {

    "input_queue_drops": 0,

    "input_queue_flushes": 0,

    "input_queue_max": 375,

    "input_queue_size": 0,

    "output_queue_max": 40,

    "output_queue_size": 0,

    "queue_strategy": "fifo",

    "total_output_drop": 0

},

"reliability": "255/255",

"rxload": "1/255",

"txload": "1/255",

"type": "CSR vNIC"

},

"GigabitEthernet4": {

    "arp_timeout": "04:00:00",
```

```
"arp_type": "arpa",

"auto_negotiate": true,

"bandwidth": 1000000,

"counters": {

    "in_broadcast_pkts": 0,

    "in_crc_errors": 0,

    "in_errors": 0,

    "in_frame": 0,

    "in_giants": 0,

    "in_ignored": 0,

    "in_mac_pause_frames": 0,

    "in_multicast_pkts": 0,

    "in_no_buffer": 0,

    "in_octets": 138969,

    "in_overrun": 0,

    "in_pkts": 1235,

    "in_runts": 0,

    "in_throttles": 0,

    "in_watchdog": 0,

    "last_clear": "never",

    "out_babble": 0,

    "out_broadcast_pkts": 0,

    "out_buffer_failure": 0,

    "out_buffers_swapped": 0,

    "out_collision": 0,

    "out_deferred": 0,
```

```
"out_errors": 0,

"out_interface_resets": 2,

"out_late_collision": 0,

"out_lost_carrier": 1,

"out_mac_pause_frames": 0,

"out_multicast_pkts": 0,

"out_no_carrier": 0,

"out_octets": 149932,

"out_pkts": 1037,

"out_underruns": 0,

"out_unknown_protocol_drops": 103,

"rate": {

  "in_rate": 0,

  "in_rate_pkts": 0,

  "load_interval": 300,

  "out_rate": 0,

  "out_rate_pkts": 0

}

},

"delay": 10,

"description": "L3 Link to dist-sw01",

"duplex_mode": "full",

"enabled": true,

"encapsulations": {

  "encapsulation": "arpa"

},
```

```
"flow_control": {

    "receive": false,

    "send": false

},

"ipv4": {

    "172.16.252.2/30": {

        "ip": "172.16.252.2",

        "prefix_length": "30"

    }

},

"keepalive": 10,

"last_input": "00:00:03",

"last_output": "00:00:05",

"line_protocol": "up",

"link_type": "auto",

"mac_address": "5254.000e.7bb9",

"media_type": "Virtual",

"mtu": 1500,

"oper_status": "up",

"output_hang": "never",

"phys_address": "5254.000e.7bb9",

"port_channel": {

    "port_channel_member": false

},

"port_speed": "1000mbps",

"queues": {
```

```
"input_queue_drops": 0,

"input_queue_flushes": 0,

"input_queue_max": 375,

"input_queue_size": 0,

"output_queue_max": 40,

"output_queue_size": 0,

"queue_strategy": "fifo",

"total_output_drop": 0

},

"reliability": "255/255",

"rxload": "1/255",

"txload": "1/255",

"type": "CSR vNIC"

},
```

```
"GigabitEthernet5": {

"arp_timeout": "04:00:00",

"arp_type": "arpa",

"auto_negotiate": true,

"bandwidth": 1000000,

"counters": {

"in_broadcast_pkts": 0,

"in_crc_errors": 0,

"in_errors": 0,

"in_frame": 0,

"in_giants": 0,

"in_ignored": 0,
```

"in_mac_pause_frames": 0,

"in_multicast_pkts": 0,

"in_no_buffer": 0,

"in_octets": 118285,

"in_overrun": 0,

"in_pkts": 1155,

"in_runs": 0,

"in_throttles": 0,

"in_watchdog": 0,

"last_clear": "never",

"out_babble": 0,

"out_broadcast_pkts": 0,

"out_buffer_failure": 0,

"out_buffers_swapped": 0,

"out_collision": 0,

"out_deferred": 0,

"out_errors": 0,

"out_interface_resets": 2,

"out_late_collision": 0,

"out_lost_carrier": 1,

"out_mac_pause_frames": 0,

"out_multicast_pkts": 0,

"out_no_carrier": 0,

"out_octets": 149957,

"out_pkts": 1034,

"out_underruns": 0,


```
"out_unknown_protocol_drops": 103,
```

```
"rate": {
```

```
  "in_rate": 0,
```

```
  "in_rate_pkts": 0,
```

```
  "load_interval": 300,
```

```
  "out_rate": 0,
```

```
  "out_rate_pkts": 0
```

```
}
```

```
},
```

```
"delay": 10,
```

```
"description": "L3 Link to dist-sw02",
```

```
"duplex_mode": "full",
```

```
"enabled": true,
```

```
"encapsulations": {
```

```
  "encapsulation": "arpa"
```

```
},
```

```
"flow_control": {
```

```
  "receive": false,
```

```
  "send": false
```

```
},
```

```
"ipv4": {
```

```
  "172.16.252.10/30": {
```

```
    "ip": "172.16.252.10",
```

```
    "prefix_length": "30"
```

```
  }
```

```
},
```

```
"keepalive": 10,

"last_input": "00:00:03",

"last_output": "00:00:09",

"line_protocol": "up",

"link_type": "auto",

"mac_address": "5254.0016.7077",

"media_type": "Virtual",

"mtu": 1500,

"oper_status": "up",

"output_hang": "never",

"phys_address": "5254.0016.7077",

"port_channel": {

    "port_channel_member": false

},

"port_speed": "1000mbps",

"queues": {

    "input_queue_drops": 0,

    "input_queue_flushes": 0,

    "input_queue_max": 375,

    "input_queue_size": 0,

    "output_queue_max": 40,

    "output_queue_size": 0,

    "queue_strategy": "fifo",

    "total_output_drop": 0

},

"reliability": "255/255",
```

"rxload": "1/255",

"txload": "1/255",

"type": "CSR vNIC"

},

"GigabitEthernet6": {

"arp_timeout": "04:00:00",

"arp_type": "arpa",

"auto_negotiate": true,

"bandwidth": 1000000,

"counters": {

"in_broadcast_pkts": 0,

"in_crc_errors": 0,

"in_errors": 0,

"in_frame": 0,

"in_giants": 0,

"in_ignored": 0,

"in_mac_pause_frames": 0,

"in_multicast_pkts": 0,

"in_no_buffer": 0,

"in_octets": 143825,

"in_overrun": 0,

"in_pkts": 1017,

"in_runs": 0,

"in_throttles": 0,

"in_watchdog": 0,

"last_clear": "never",

```
"out_babble": 0,

"out_broadcast_pkts": 0,

"out_buffer_failure": 0,

"out_buffers_swapped": 0,

"out_collision": 0,

"out_deferred": 0,

"out_errors": 0,

"out_interface_resets": 2,

"out_late_collision": 0,

"out_lost_carrier": 1,

"out_mac_pause_frames": 0,

"out_multicast_pkts": 0,

"out_no_carrier": 0,

"out_octets": 149259,

"out_pkts": 1035,

"out_underruns": 0,

"out_unknown_protocol_drops": 0,

"rate": {

    "in_rate": 0,

    "in_rate_pkts": 0,

    "load_interval": 300,

    "out_rate": 0,

    "out_rate_pkts": 0

}

},

"delay": 10,
```

"description": "L3 Link to dist-rtr02",

"duplex_mode": "full",

"enabled": true,

"encapsulations": {

"encapsulation": "arpa"

},

"flow_control": {

"receive": false,

"send": false

},

"ipv4": {

"172.16.252.17/30": {

"ip": "172.16.252.17",

"prefix_length": "30"

}

},

"keepalive": 10,

"last_input": "00:00:05",

"last_output": "00:00:08",

"line_protocol": "up",

"link_type": "auto",

"mac_address": "5254.0015.ac8a",

"media_type": "Virtual",

"mtu": 1500,

"oper_status": "up",

"output_hang": "never",

"phys_address": "5254.0015.ac8a",

"port_channel": {

"port_channel_member": false

},

"port_speed": "1000mbps",

"queues": {

"input_queue_drops": 0,

"input_queue_flushes": 0,

"input_queue_max": 375,

"input_queue_size": 0,

"output_queue_max": 40,

"output_queue_size": 0,

"queue_strategy": "fifo",

"total_output_drop": 0

},

"reliability": "255/255",

"rxload": "1/255",

"txload": "1/255",

"type": "CSR vNIC"

},

"Loopback0": {

"bandwidth": 8000000,

"counters": {

"in_abort": 0,

"in_broadcast_pkts": 0,

"in_crc_errors": 0,

```
"in_errors": 0,

"in_frame": 0,

"in_giants": 0,

"in_ignored": 0,

"in_multicast_pkts": 0,

"in_no_buffer": 0,

"in_octets": 0,

"in_overrun": 0,

"in_pkts": 0,

"in_runs": 0,

"in_throttles": 0,

"last_clear": "never",

"out_broadcast_pkts": 0,

"out_buffer_failure": 0,

"out_buffers_swapped": 0,

"out_collision": 0,

"out_errors": 0,

"out_interface_resets": 0,

"out_multicast_pkts": 0,

"out_octets": 0,

"out_pkts": 0,

"out_underruns": 0,

"out_unknown_protocl_drops": 0,

"rate": {

    "in_rate": 0,

    "in_rate_pkts": 0,
```

```
"load_interval": 300,

"out_rate": 0,

"out_rate_pkts": 0

}

},

"delay": 5000,

"description": "to",

"enabled": false,

"encapsulations": {

    "encapsulation": "loopback"

},

"keepalive": 10,

"last_input": "never",

"last_output": "never",

"line_protocol": "down",

"mtu": 1514,

"oper_status": "down",

"output_hang": "never",

"port_channel": {

    "port_channel_member": false

},

"queues": {

    "input_queue_drops": 0,

    "input_queue_flushes": 0,

    "input_queue_max": 75,

    "input_queue_size": 0,
```



```
"output_queue_max": 0,  
  
"output_queue_size": 0,  
  
"queue_strategy": "fifo",  
  
"total_output_drop": 0  
  
},  
  
"reliability": "255/255",  
  
"rxload": "1/255",  
  
"txload": "1/255",  
  
"type": "Loopback"  
  
}  
  
}
```