华三 3600

<TuanMa\_H3C\_3600>display interface GigabitEthernet 1/0/25

GigabitEthernet1/0/25 current state: UP

IP Packet Frame Type: PKTFMT\_ETHNT\_2, Hardware Address: 0cda-41de-4e33

Description: To\_ShuJuWangHuLian\_G1/0/18

Loopback is not set

Media type is twisted pair

Port hardware type is 1000\_BASE\_T

1000Mbps-speed mode, full-duplex mode

Link speed type is autonegotiation, link duplex type is autonegotiation

Flow-control is not enabled

The Maximum Frame Length is 10000

Broadcast MAX-ratio: 100%

Unicast MAX-ratio: 100%

Multicast MAX-ratio: 100%

Allow jumbo frame to pass

PVID: 1

Mdi type: auto

Port link-type: trunk

VLAN passing : 118, 602

VLAN permitted: 118, 602

Trunk port encapsulation: IEEE 802.1q

Port priority: 0

Last clearing of counters: Never

Peak value of input: 207721 bytes/sec, at 2022-11-08 06:26:00

Peak value of output: 33198 bytes/sec, at 2023-03-27 10:50:33

Last 300 seconds input: 2 packets/sec 282 bytes/sec 0%

Last 300 seconds output: 2 packets/sec 290 bytes/sec 0%

Input (total): 56148368 packets, 6611001881 bytes

56111416 unicasts, 36952 broadcasts, 0 multicasts, 0 pauses

Input (normal): 56148368 packets, - bytes

56111416 unicasts, 36952 broadcasts, 0 multicasts, 0 pauses

Input: 0 input errors, 0 runts, 0 giants, 0 throttles

0 CRC, 0 frame, - overruns, 0 aborts

- ignored, - parity errors

Output (total): 46229751 packets, 4553563599 bytes

43884692 unicasts, 911492 broadcasts, 1433567 multicasts, 0 pauses

Output (normal): 46229751 packets, - bytes

43884692 unicasts, 911492 broadcasts, 1433567 multicasts, 0 pauses

Output: 0 output errors, - underruns, - buffer failures

0 aborts, 0 deferred, 0 collisions, 0 late collisions

0 lost carrier, - no carrier

华为NE8000路由器

<HS-XianJuHuiJu-2.HW.NE8000M8>display interface GigabitEthernet 0/4/0

GigabitEthernet0/4/0 current state : UP (ifindex: 23)

Line protocol current state : UP

Last line protocol up time : 2023-03-21 18:45:26+08:00

Link quality grade : GOOD

Description: To:HS-XinXiJF-HW.S9303:G1/0/0

Route Port,The Maximum Transmit Unit is 1500

Internet Address is 10.122.119.9/30

IP Sending Frames' Format is PKTFMT\_ETHNT\_2, Hardware address is 3890-524f-3c4c

The Vendor PN is LTD1302-BC+-H3C

The Vendor Name is Hisense

Port BW: 1G, Transceiver max BW: 1G, Transceiver Mode: SingleMode

WaveLength: 1310nm, Transmission Distance: 10km

Rx Power: -6.81dBm, Warning range: [-16.989, -5.999]dBm

Tx Power: -5.94dBm, Warning range: [-9.500, -2.999]dBm

Loopback: none, full-duplex mode, negotiation: enable, Pause Flowcontrol: Receive Enable and Send Enable

Last physical up time : 2023-03-21 18:45:26+08:00

Last physical down time : 2023-03-21 18:45:26+08:00

Current system time: 2023-04-27 16:04:16+08:00

Statistics last cleared:never

Last 300 seconds input rate: 22304 bits/sec, 26 packets/sec

Last 300 seconds output rate: 22833 bits/sec, 27 packets/sec

Input peak rate 24325015 bits/sec, Record time: 2023-03-31 09:16:03+08:00

Output peak rate 67266600 bits/sec, Record time: 2023-03-31 09:19:23+08:00

Input: 22789602665 bytes, 122755407 packets

Output: 86753318501 bytes, 163119446 packets

Input:

Unicast: 122755405 packets, Multicast: 0 packets

Broadcast: 2 packets, JumboOctets: 0 packets

CRC: 0 packets, Symbol: 0 packets

Overrun: 0 packets, InRangeLength: 0 packets

LongPacket: 0 packets, Jabber: 0 packets, Alignment: 0 packets

Fragment: 0 packets, Undersized Frame: 0 packets

RxPause: 0 packets

Output:

Unicast: 162694713 packets, Multicast: 424712 packets

Broadcast: 21 packets, JumboOctets: 0 packets

Lost: 0 packets, Overflow: 0 packets, Underrun: 0 packets

System: 0 packets, Overruns: 0 packets

TxPause: 0 packets

Last 300 seconds input utility rate: 0.01%

Last 300 seconds output utility rate: 0.01%

锐捷

HengShui\_RuiJie\_2#show interface gigabitEthernet 9/21

Index(dec):85 (hex):55

GigabitEthernet 9/21 is UP , line protocol is UP

Hardware is Broadcom 5464 GigabitEthernet, address is 8005.88d0.88e1 (bia 8005.88d0.88e1)

Description: To\_3-3

Interface address is: no ip address

Interface IPv6 address is:

No IPv6 address

MTU 1500 bytes, BW 1000000 Kbit

Encapsulation protocol is Ethernet-II, loopback not set

Keepalive interval is 10 sec , set

Carrier delay is 2 sec

Ethernet attributes:

Last link state change time: 2023-04-14 12:36:50

Time duration since last link state change: 13 days, 3 hours, 4 minutes, 30 seconds

Priority is 0

Medium-type is Fiber

Admin duplex mode is AUTO, oper duplex is Full

Admin speed is AUTO, oper speed is 1000M

Flow control admin status is OFF, flow control oper status is OFF

Admin negotiation mode is OFF, oper negotiation state is ON

Storm Control: Broadcast is OFF, Multicast is OFF, Unicast is OFF

Bridge attributes:

Port-type: trunk

Native vlan: 1

Allowed vlan lists: 102,108

Active vlan lists: 102,108

Rxload is 1/255, Txload is 1/255

Input peak rate: 382686514 bits/sec, at 2022-12-26 11:20:33

Output peak rate: 331887732 bits/sec, at 2023-01-29 09:44:45

10 seconds input rate 111813 bits/sec, 52 packets/sec

10 seconds output rate 167735 bits/sec, 93 packets/sec

3487807636 packets input, 999812040559 bytes, 0 no buffer, 0 dropped

Received 99341659 broadcasts, 0 runts, 1 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 abort

7199756199 packets output, 3722563655864 bytes, 0 underruns , 0 dropped

0 output errors, 0 collisions, 0 interface resets

迈普

XianLuLou\_MaiP\_107.6#show interface tengigabitethernet 0/49 statistics

tengigabitethernet0/49 statistics information:

RxOctets : 43516714723

RxUcastPkts : 102096653

RxMulticastPkts : 2346925

RxBroadcastPkts : 1982316

RxErrorPkts : 0

RxDiscardPkts : 0

TxOctets : 100999690836

TxUcastPkts : 159583248

TxMulticastPkts : 2699068

TxBroadcastPkts : 4590472

TxErrorPkts : 0

TxDiscardPkts : 0

TotalOctets : 144516405559

TotalPkts : 273298682

TotalUcastPkts : 261679901

TotalBroadcastPkts : 6572788

TotalMulticastPkts : 5045993

TotalCRCErrors : 0

TotalSymbolErrors : 0

TotalAlignmentErrors : 0

TotalUndersizePkts : 0

TotalOversizePkts : 62487868

TotalFragments : 0

TotalJabbers : 0

TotalCollisions : 0

TotalPkts64Octets : 3288143

TotalPkts65to127Octets : 142319703

TotalPkts128to255Octets : 12062843

TotalPkts256to511Octets : 25379722

TotalPkts512to1023Octets : 18500619

TotalPkts1024to1518Octets: 9259784

RxBandwidthUtilization : 0%

RxDiscardRatio : 0%

RxErrorRatio : 0%

TxBandwidthUtilization : 0%

TxDiscardRatio : 0%

TxErrorRatio : 0%

input rate 367153 bits/sec, 51 packets/sec

output rate 87169 bits/sec, 50 packets/sec

思科

HeXinJiaoHuanJi\_2#show interfaces gigabitEthernet 3/19

GigabitEthernet3/19 is up, line protocol is up (connected)

Hardware is C6k 1000Mb 802.3, address is 0019.07d2.b400 (bia 0019.07d2.b400)

Description: To\_HengShuiZhan\_C3560

Internet address is 10.122.114.38/30

MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,

reliability 255/255, txload 1/255, rxload 1/255

Encapsulation ARPA, loopback not set

Keepalive set (10 sec)

Full-duplex, 1000Mb/s, media type is T

input flow-control is off, output flow-control is on

Clock mode is auto

ARP type: ARPA, ARP Timeout 04:00:00

Last input 00:00:04, output 00:00:07, output hang never

Last clearing of "show interface" counters never

Input queue: 0/75/104615/11 (size/max/drops/flushes); Total output drops: 0

Queueing strategy: fifo

Output queue: 0/40 (size/max)

5 minute input rate 117000 bits/sec, 118 packets/sec

5 minute output rate 37000 bits/sec, 44 packets/sec

L2 Switched: ucast: 28502242 pkt, 1952813915 bytes - mcast: 33248581 pkt, 3308319308 bytes

L3 in Switched: ucast: 17710151593 pkt, 9225698264540 bytes - mcast: 0 pkt, 0 bytes mcast

L3 out Switched: ucast: 18142624773 pkt, 5972361107434 bytes mcast: 0 pkt, 0 bytes

17820830356 packets input, 9237019629279 bytes, 0 no buffer

Received 15542368 broadcasts (0 IP multicast)

0 runts, 0 giants, 0 throttles

104615 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored

0 watchdog, 0 multicast, 0 pause input

0 input packets with dribble condition detected

18215168063 packets output, 5980116193635 bytes, 0 underruns

0 output errors, 0 collisions, 4 interface resets

0 babbles, 0 late collision, 0 deferred

0 lost carrier, 0 no carrier, 0 PAUSE output

0 output buffer failures, 0 output buffers swapped out

设备定义交换机信息

<HS-XianJuHuiJu-2.HW.NE8000M8>display version

Huawei Versatile Routing Platform Software

VRP (R) software, Version 8.211 (NetEngine 8000 V800R021C10SPC600)

Copyright (C) 2012-2022 Huawei Technologies Co., Ltd.

HUAWEI NetEngine 8000 M8 uptime is 36 days, 21 hours, 17 minutes

Patch Version: V800R021SPH012

NetEngine 8000 M8 version information:

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

BKP version information:

PCB Version : CR81BKP08A REV B

IPU Slot Quantity : 2

CARD Slot Quantity : 8

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

IPU version information:

IPU (Master) 9 : uptime is 36 days, 21 hours, 16 minutes

StartupTime 2023/03/21 18:38:36

SDRAM Memory Size : 8192 M bytes

FLASH Memory Size : 64 M bytes

CFCARD Memory Size : 4096 M bytes

IPU CR8DIPU480C8 version information

PCB Version : CR81IPU480D1 REV B

EPLD Version : 105

FPGA Version : 104

NP Version : 100

TM Version : 100

NSE Version : NSE REV A

BootROM Version : 08.99

PIC2: CR8D00P8CFC1 version information

StartupTime : 2023/03/21 18:39:31

PCB Version : CR81P8CFA0 REV A

EPLD Version : 103

EPLD2 Version : 000

FPGA Version : 001

PIC4: CR8D00EAGFCA version information

StartupTime : 2023/03/21 18:39:37

PCB Version : CR81EAGH REV D

EPLD Version : 106

PIC5: CR8D00E8GEB2 version information

StartupTime : 2023/03/21 18:39:42

PCB Version : CR81E8GEA3 REV C

EPLD Version : 100

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

IPU version information:

IPU (Slave) 10 : uptime is 36 days, 21 hours, 15 minutes

StartupTime 2023/03/21 18:39:06

SDRAM Memory Size : 8192 M bytes

FLASH Memory Size : 64 M bytes

CFCARD Memory Size : 4096 M bytes

IPU CR8DIPU480C8 version information

PCB Version : CR81IPU480D1 REV B

EPLD Version : 105

FPGA Version : 104

NP Version : 100