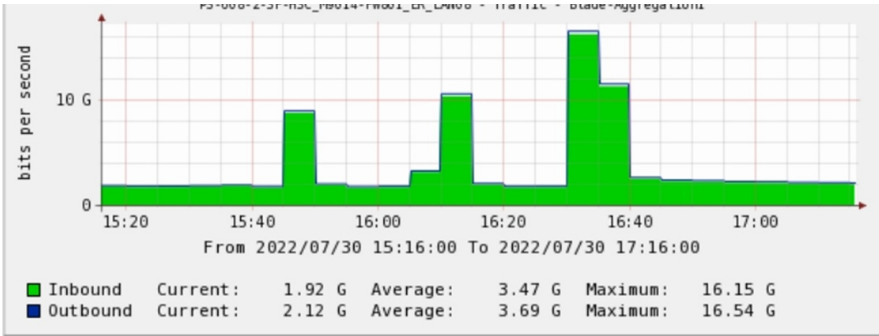


问题描述

某局点监控了Blade-Aggregation1的接口流量状态，有些时候该接口流量有突增。



经过对比发现，Blade-Aggregation的流量远大于实际整机的流量。

Blade-Aggregation1

Current state: UP

IP packet frame type: Ethernet II, hardware address: 3c8c-4003-00df

Description: Blade-Aggregation1 Interface

Bandwidth: 1200000000 kbps

1200Gbps-speed mode, full-duplex mode

Link speed type is autonegotiation, link duplex type is autonegotiation

Last clearing of counters: Never

Last 300 second input: 608938 packets/sec 162411430 bytes/sec 0%

Last 300 second output: 533971 packets/sec 185423692 bytes/sec 0%

Input (total): 38979371230616 packets, 20502913837790316 bytes

38976600032444 unicasts, 12991604 broadcasts, 2758206568 multicasts, 0 pauses

Input (normal): 38979371230616 packets, 20502913837790316 bytes

38976600032444 unicasts, 12991604 broadcasts, 2758206568 multicasts, 0 pauses

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

0 CRC, 0 frame, 0 overruns, 0 aborts

0 ignored, - parity errors

Output (total): 36589291827465 packets, 21794782615830233 bytes

36588716807057 unicasts, 1384 broadcasts, 579170226 multicasts, 0 pauses

Output (normal): 36589291827465 packets, 21794782615830233 bytes

36588716807057 unicasts, 1384 broadcasts, 579170226 multicasts, 0 pauses

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

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

0 lost carrier, 0 no carrier

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Usage: Bandwidth utilization in percentage

Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
HGE1/2/0/1	19	2219738	0	0
HGE1/2/0/2	1	697258	0	3
HGE1/3/0/1	19	2202326	0	0
HGE1/3/0/2	1	703380	0	0
HGE2/2/0/1	4	457086	0	0
HGE2/2/0/2	1	709937	0	3
HGE2/3/0/1	4	456394	0	0
HGE2/3/0/2	1	678863	0	0
RAGG1	1	1400638	0	3
RAGG2	1	1388800	0	3
RAGG3	19	4422064	0	0
RAGG4	4	913480	0	0
RAGG5	0	18	0	11
RAGG100	0	12	0	12

XGE1/0/0/5	20	395897	0	18
XGE1/0/0/6	20	404409	0	19
XGE1/0/0/7	20	371823	0	16
XGE1/0/0/20	0	104	0	0
XGE1/0/0/32	0	18	0	11
解决方法				
XGE1/1/0/5	20	390920	0	17
Blade-Aggregation统计的业务口流量，通常对应上送CPU的流量，走逻辑的流量不统计在内。				
XGE1/1/0/6	20	397447	0	5
接口统计的流量和业务流量有些差距，他还包括一些板间通信，会话热备这类的系统内部报文。				
XGE1/1/0/7	19	351140	0	5
突增的时间点可以看一下是否有策略变动，或者不走cpu的流量上墙。				
XGE1/1/0/31	0	1	0	1
Blade-Aggregation接口的流量不具备什么监控价值，cpu还是建议监控利用率和内存。流量大小以接口为准即可。				
XGE2/0/0/5	16	170773	0	17
XGE2/0/0/6	16	174226	0	27
XGE2/0/0/7	16	180805	0	18
XGE2/1/0/5	17	177609	0	5
XGE2/1/0/6	16	177160	0	5
XGE2/1/0/7	16	176825	0	6
XGE2/1/0/31	0	11	0	11

