Atomic Counters - Packets Dropped

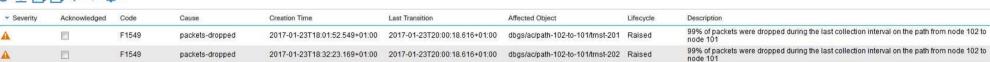
Version

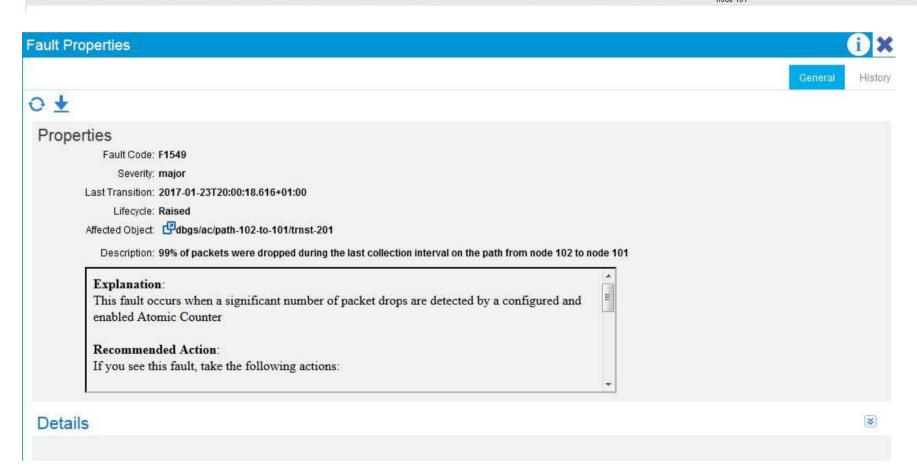
2.1.1h

n9000-12.1(1h)

Faults







Explanation:

This fault occurs when a significant number of packet drops are detected by a configured and enabled Atomic Counter

Recommended Action:

If you see this fault, take the following actions:

- 1. Check the network configuration in the packet path where this Atomic Counter Policy is configured.
- 2. Check for any CRC, etc errors in the packet path where this Atomic Counter Policy is configured.
- 3. Check interface counters and rates in the packet path where this Atomic Counter Policy is configured to make sure there is no oversubscription.
- 4. If the above action did not resolve the issue, create a **tech-support** file and contact Cisco TAC.

							General His
Severity	Affected	Cause	Created	Rule	▲ Type	Ack	Description
A	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:01:52.549+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	9% of packets were dropped during the last collection interval on the path from node 102 to node 101
A	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:02:22.557+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	9% of packets were dropped during the last collection interval on the path from node 102 to node 101
0	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:04:46.482+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	9% of packets were dropped during the last collection interval on the path from node 102 to node 101
A	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:10:52:733+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	25% of packets were dropped during the last collection interval on the path from node 102 to node 101
A	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:11:22.743+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	25% of packets were dropped during the last collection interval on the path from node 102 to node 101
9	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:13:46.631+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	25% of packets were dropped during the last collection interval on the path from node 102 to node 101
A	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:20:52.937+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	16% of packets were dropped during the last collection interval on the path from node 102 to node 101
A	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:21:22.948+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	16% of packets were dropped during the last collection interval on the path from node 102 to node 101
0	dbgs/ac/path-102-to-101/trnst-201	packets-dropped	2017-01-23T18:23:46.812+01:00	dbg-ac-trail-on-going-atomic-counter-trail-drops-major	Communications	False	16% of packets were dropped during the last collection interval on the path from node 102 to node 101

more path-102-to-101/summary

Atomic Counter for a Path srcNodeld : 102 dstNodeld : 101

childAction :

dn : dbgs/ac/path-102-to-101

dropPkt : 1096 dropPktPercentage : 100 dstNodeld2 : 0 excessPkt : 0

excessPktPercentage : 0

lcOwn : local

modTs : 2017-01-25T20:05:14.103+01:00 monPolDn : uni/fabric/monfab-default

pathType : nodeToNode
rn : path-102-to-101

rxPkt : 0

seqNo : 117711

skip : 0
srcNodeld2 : 0
status :
suspect : no

totDropPkt : 12647271
totDropPktPercentage : 98
totExcessPkt : 0
totExcessPktPercentage : 0
totRxPkt : 172301
totTxPkt : 12819572

ts : 2017-01-25T11:05:50.089+01:00

txPkt : 1096

more path-102-to-101/trnst-201/summary

Atomic Counter for a Trail trnstNodeld : 201

childAction :

dn : dbgs/ac/path-102-to-101/trnst-201

dropPkt : 515
dropPktPercentage : 100
dstNodeld : 101
dstNodeld2 : 0
excessPkt : 0
excessPktPercentage : 0
lcOwn : local

modTs : 2017-01-25T20:06:14.121+01:00 monPolDn : uni/fabric/monfab-default

pathType : nodeToNode

rn : trnst-201

rxPkt : 0

seqNo : 117713

skip : 0

srcNodeld : 102

srcNodeId2 : 0 :

status

suspect : no

: 6892589 totDropPkt totDropPktPercentage: 99 totExcessPkt : 0

totExcessPktPercentage: 0 : 58944 totRxPkt totTxPkt : 6951533

: 2017-01-25T11:06:50.108+01:00 ts

txPkt : 515