

知 ospf statistics error 中hello-time mismatch一直在增长

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问题描述

如图，设备hello-time mismatch一直在增长。

```
OSPFv3 Process 1 with Router ID 10.244.119.49
1      : Transmit error          27      : Neighbor state low
0      : Packet too small        0      : Bad version
0      : Bad checksum            0      : Unknown neighbor
0      : Bad area ID            0      : Bad packet
0      : Packet dest error      0      : Inactive area packet
0      : Router ID confusion    0      : Bad virtual link
37470204 : HELLO: Hello-time mismatch 0      : HELLO: Dead-time mismatch
0      : HELLO: Ebit option mismatch 0      : DD: Ebit option mismatch
0      : DD: Unknown LSA type    0      : DD: MTU option mismatch
0      : REQ: Empty request      0      : REQ: Bad request
0      : UPD: LSA checksum bad   0      : UPD: Unknown LSA type
1      : UPD: Less recent LSA   0      : UPD: LSA length bad
0      : UPD: LSA AdvRtr id bad 0      : ACK: Bad ack packet
634602 : ACK: Invalid ack        1      : Interface down
0      : Multicast incapable    0      : Authentication failure
0      : AuthSeqNumber error

OSPFv3 Process 2 with Router ID 0.0.0.0
0      : Transmit error          0      : Neighbor state low
<GZSW1301BER>dis ospfv3 statistics error

OSPFv3 Process 1 with Router ID 10.244.119.49
1      : Transmit error          27      : Neighbor state low
0      : Packet too small        0      : Bad version
0      : Bad checksum            0      : Unknown neighbor
0      : Bad area ID            0      : Bad packet
0      : Packet dest error      0      : Inactive area packet
0      : Router ID confusion    0      : Bad virtual link
37470209 : HELLO: Hello-time mismatch 0      : HELLO: Dead-time mismatch
0      : HELLO: Ebit option mismatch 0      : DD: Ebit option mismatch
0      : DD: Unknown LSA type    0      : DD: MTU option mismatch
```

解决方法

hello-time mismatch增长的原因:

- 1、两端ospf配置的ospf network-type不一致 (ospf邻居无法建立)
- 2、两端配置的ospf time hello不一致 (ospf邻居无法建立)
- 3、收到其他未知设备发来的hello报文 (此时正常的ospf邻居可以正常建立)

