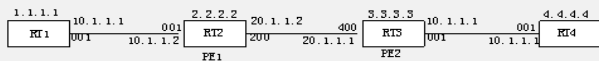


AR系列路由器debugging bgp normal命令



BGP组网示意图

【命令】

debugging bgp normal

【视图】

用户视图

【参数】

无

【描述】

debugging bgp normal命令用来打开BGP运行时的一般调试信息。包括接收发送报文提示（没有具体报文信息）、路由策略设定、初始化、状态机转变事件触发等。

<RT1>display debugging

BGP normal debugging is on

【举例】

例1：建立BGP邻居时的一般(normal)调试信息显示如下

[RT2-bgp]group as100 internal

*0.18139503 RT2 RM/7/RTDBG:bgp: initializing group as100

\\配置好group后会有配置指定的group初始化提示信息；

[RT2-bgp]peer 20.1.1.1 group as100

*0.18152394 RT2 RM/7/RTDBG:bgp: BGP_100_Connect connect timeout

\\连接超时提示

*0.18152394 RT2 RM/7/RTDBG:bgp: peer 20.1.1.1 (Internal AS 100) start connecting

\\重新向对端建立连接；

*0.18152410 RT2 RM/7/RTDBG:bgp: connection error: Error!

*0.18152410 RT2 RM/7/RTDBG:bgp: close socket of peer 20.1.1.1 (Internal AS 100)

\\对端没有正确配置，连接错误；关闭20.1.1.1的socket；

*0.18176425 RT2 RM/7/RTDBG:bgp: accepting connection from 20.1.1.1+1029 (local 20.1.1.2+179)

\\接收对端的连接

*0.18176425 RT2 RM/7/RTDBG:bgp: closing peer 20.1.1.1 (Internal AS 100), state is 3 (Active)

*0.18176425 RT2 RM/7/RTDBG:bgp send: sending 39 bytes to 20.1.1.1 (Internal AS 100)

*0.18176425 RT2 RM/7/RTDBG:bgp send: sending 19 bytes to 20.1.1.1 (Internal AS 100)

\\向对端发送给出byte数的报文

*0.18176425 RT2 RM/7/RTDBG:bgp: peer 20.1.1.1 (Internal AS 100) receiver changed to bgp_rcv_open

*0.18176456 RT2 RM/7/RTDBG:bgp: rcv open from peer 20.1.1.1 (Internal AS 100)

\\从对端接收open报文

*0.18176472 RT2 RM/7/RTDBG:bgp: setting flash/new policy routines for BGP group as100

\\路由策略设定

*0.18176503 RT2 RM/7/RTDBG:bgp: setting reinit routine for BGP_100

\\重新初始化路由

*0.18176519 RT2 RM/7/RTDBG: bgp: peer 20.1.1.1 (Internal AS 100) receiver changed to bgp_rcv_v4_update

*0.18176550 RT2 RM/7/RTDBG: bgp: rt policy init, first group peer update group as100 peer 20.1.1.1 (Internal AS 100)

\\如果配置了路由策略，进行策略初始化

*0.18176566 RT2 RM/7/RTDBG: bgp: rt policy init, peer 20.1.1.1 (Internal AS 100)0 routes ready 0 deferred

\\路由策略初始化过程中对匹配路由数和延迟处理路由数的显示

*0.18176597 RT2 RM/7/RTDBG: bgp send: sending 19 bytes to 20.1.1.1 (Internal AS 100)

*0.18176628 RT2 RM/7/RTDBG: bgp: receiving updates from peer 20.1.1.1 (Internal AS 100)

\\从对等体20.1.1.1接收更新报文

*0.18176644 RT2 RM/7/RTDBG: bgp: done with peer 20.1.1.1 (Internal AS 100) received 19 octets 0 updates 0 routes

\\从对等体接收的updates数目和路由数目；

*0.18236519 RT2 RM/7/RTDBG: bgp: peer 20.1.1.1 (Internal AS 100) last checked 60 last rcv'd 60 last sent 60 last keepalive 60

*0.18236519 RT2 RM/7/RTDBG: bgp send: sending 19 bytes to 20.1.1.1 (Internal AS 100)

*0.18236691 RT2 RM/7/RTDBG: bgp: receiving updates from peer 20.1.1.1 (Internal AS 100)

*0.18236691 RT2 RM/7/RTDBG: bgp: done with peer 20.1.1.1 (Internal AS 100) received 19 octets 0 updates 0 routes