

【ADNET巡检】在EVPN场景下，检查广域网设备BGP进程ip vpn实例中IPv4或者IPv6单播地址族中是否配置了segment-routing ipv6 traffic-engineering best-effort evpn和segment-routing ipv6 locator xxxx evpn

金手指工具 ADWAN解决方案 田毓磊 2024-07-08 发表

问题描述

在SRv6 EVPN L3VPN场景中，检查广域网设备BGP进程ip vpn实例中IPv4或者IPv6单播地址族中是否配置了segment-routing ipv6 traffic-engineering best-effort evpn和segment-routing ipv6 locator xxxx evpn。

过程分析

在广域网设备上执行display current-configuration configuration bgp命令行确认：

```
<SR>display current-configuration configuration bgp
#
bgp 100
  peer 10::100:1:1 as-number 100
  peer 10::100:1:1 connect-interface LoopBack0
  peer 10::100:1:2 as-number 100
  peer 10::100:1:2 connect-interface LoopBack0
#
address-family l2vpn evpn
  undo policy vpn-target
  peer 10::100:1:1 enable
  peer 10::100:1:1 advertise encap-type srv6
  peer 10::100:1:2 enable
  peer 10::100:1:2 advertise encap-type srv6
#
ip vpn-instance ADWAN-vpn1

bestroute encap-type srv6
#
address-family ipv4 unicast
  segment-routing ipv6 traffic-engineering best-effort evpn
  segment-routing ipv6 locator pe2 evpn
#
address-family ipv6 unicast
  segment-routing ipv6 traffic-engineering best-effort evpn
  segment-routing ipv6 locator pe2 evpn
#
```

解决方法

若BGP进程下每一个ip vpn-instance下面的address-family下面都有segment-routing ipv6 traffic-engineering best-effort evpn segment-routing ipv6 locator xxx evpn命令则检查项正常；否则不正常，需要补充相关命令。