The Package Size of IPv6 Testing In MSR Series

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Q: What is the minimum size when using SmartBit testing MSR forwarding ability of IPv6 package?

A:

　Analizing from protocol, the head of IPv6 is 40bytes. If there isn't other extend head, the minimum package is 40bytes. But in fact, a sign field was often add on this 40bytes to measure performance according to different testing device. Such as SmartBits, the sign field is 18bytes. Therefore, the minimum package of IPv6 that SmartBits can creat is 40+18=58bytes. Normally, we said the minimum testing package length of IPv4 is 64bytes, which isn't the true IPv4 package size but the frame transfered on ethernet. Obviously, the minimum package length of IPv6 that created by SmartBits is : 58+18=76.