Performance Measurement for Geneve

draft-xiao-nvo3-pm-geneve-08

Xiao Min       ZTE
Greg Mirsky    Ericsson
Santosh Pallagatti VMware
STAMP over IP/UDP over Geneve

0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1

Outer Ethernet Header

Outer IPvX Header

Outer UDP Header
Dest Port = 6081

Geneve Header
Protocol Type = 0x0800(IPv4) or 0x86DD(IPv6)

Inner IPvX Header
Src IP = IP address of a VAP of the originating NVE
Dest IP = IP address of a VAP of the terminating NVE

Inner UDP Header
Dest Port for Sender packet = 882 or Configured Port
Dest Port for Reflector packet = Source Port from Sender packet

STAMP Test Packet

Outer Ethernet FCS
STAMP over Ethernet/IP/UDP over Geneve

```
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1

Outer Ethernet Header

Outer IPvX Header

Outer UDP Header
Dest Port = 6081

Geneve Header
Protocol Type = 0x6558(Ethernet)

Inner Ethernet Header
Src MAC = MAC address of a VAP of the originating NVE
Dest MAC = MAC address of a VAP of the terminating NVE

Inner IPvX Header

Inner UDP Header
Dest Port for Sender packet = 362 or Configured Port

STAMP Test Packet

Inner Ethernet FCS
```
Next steps

• Ask for more reviews and comments
• Revise this draft to improve it
• Ask for WG adoption

Thank you!