PacketStorm 400E

IP Network Emulator

"Providing the Internet in a box"



Features and Description:

The PacketStorm IP Network Emulators reproduce the unfavorable conditions of IP Networks and WANs in a controllable and repeatable lab setting. The emulator recreates the dynamic behavior of the Internet such that any network model can be reproduced including those models that change with traffic, time, or the behavior of another traffic flow.

PacketStorm400E

- Advanced Performance
- Either Two, Four, or Six Ports
- State Machine Capability
- Ethernet Interfaces up 1 Gigabit

Video Applications:

The PacketStorm400E has video centric features such as: Dynamic Impairments with separate queues for testing DASH Video, FEC Aware Matrices, Hitless / Seamless Protection Switching, and RTP Marker Filter with Offset for Active Video.

Impairments:

- Delay
- Jitter
- Drop
- Decimate
- Duplicate
- Re-order
- Throttle
- Fragment
- Burst Drop
- Packet Accumulate & Burst
- Bit Error
- MOS
- Frame Relay
- Insert Data
- Delete Data
- RTP Sequence Drop
- FEC Aware
- Active Video

Modifiers:

- Source Address
- Destination Address
- ToS
- DSCP
- TTL
- Protocol
- Transport Checksum
- Network Checksum
- Source Port
- Destination Port
- Fragment
- MPLS
- VLAN
- MAC
- Universal
- IPv6
- Pseudo Wire Ethernet
- RTP
- MPEG-2

Filters:

- Source & Destination Address
- Source & Destination Port
- Protocol
- ToS & DSCP
- Packet Length
- MPLS
- VLAN
- MAC
- Universal
- Bit Pattern
- IPv6
- PPPoE
- RTP Sequence
- MPEG-2

Statistics:

- Bandwidth
- Delay
- Loss
- R-factor
- MOS
- Delayed Factor
- Media Loss Rate
- Bytes
- Packets

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