CLAIMS

1. An apparatus comprising:

a network interface;

at least one processor to:

establish communication with a network terminal access point (TAP) of a first network, each node of the first network having an internet protocol (IP) address;

establish communication with at least one node of a second network, at least one node in the second network corresponding to a node in the first network such that respective IP addresses of corresponding nodes are equal;

receive a first packet and a second packet from the network TAP of the first network, each packet comprising a source IP address and a timestamp, the source IP address indicating a respective node in the first network from where each packet originates; and

launch the first packet and the second packet from a respective node in the second network that corresponds to the source IP address of each packet in a sequence that is in accordance with the timestamp of each packet.

2. The apparatus of claim 1, wherein the at least one processor is further configured to store the first packet and the second packet in a database.

3. The apparatus of claim 2, wherein the at least one processor is further configured to sort the first packet and the second packet in the database by timestamp.

4. The apparatus of claim 2, wherein the at least one processor is further configured to retrieve the first packet and the second packet from the database to launch the first packet and the second packet.

5. The apparatus of claim 1, wherein the network tap is an optical fiber network tap.

6. The apparatus of claim 1, wherein an internal clock of a node in the first network is synchronized with an internal clock of a node in the second network.

7. The apparatus of claim 6, wherein the node of the first network and the node of the second network communicate with a time server in order to synchronize the respective internal clocks.

8. The apparatus of claim 1, wherein the first packet is associated with the second packet by way of an identifier field in the first packet and the second packet.

9. A method comprising:

establishing, by at least one processor, communication with a network terminal access point (TAP) of a first network, each node of the first network having an internet protocol (IP) address;

establishing, by at least one processor, communication with at least one node of a second network, at least one node in the second network corresponding to a node in the first network such that respective IP addresses of corresponding nodes are equal;

receiving, by at least one processor, a first packet and a second packet from the network TAP of the first network, each packet comprising a source IP address and a timestamp, the source IP address indicating a respective node in the first network from where each packet originates; and

launching, by at least one processor, the first packet and the second packet from a respective node in the second network that corresponds to the source IP address of each packet in a sequence that is in accordance with the timestamp of each packet.

10. The method of claim 9, further comprising storing, by the at least one processor, the first packet and the second packet in a database.

11. The method of claim 10, further comprising sorting, by at least one processor, the first packet and the second packet in the database by timestamp.

12. The method of claim 10, further comprising retrieving, by at least one processor, the first packet and the second packet from the database to launch the first packet and the second packet.

13. The method of claim 9, wherein the network tap is an optical fiber network tap.

14. The method of claim 9, wherein an internal clock of a node in the first network is synchronized with an internal clock of a node in the second network.

15. The method of claim 9, wherein the first packet is associated with the second packet by way of an identifier field in the first packet and the second packet.