

Rude CrudeTool

RUDE/CRUDE

RUDE is a package of applications to generate and measure UDP traffic between two endpoints (hosts). The `rude` tool generates traffic to the network, which can be received and logged on the other side of the network with `crude`. The traffic pattern can be defined by the user. This tool is available under <http://rude.sourceforge.net/>

Example

The following `rude` script will cause a constant-rate packet stream to be sent to a destination for 4 seconds, starting one second (1000 milliseconds) from the time the script was read, stopping five seconds (5000 milliseconds) after the script was read. The script can be called using `rude -s example.rude`.

```
START NOW
1000 0030 ON 3002 10.1.1.1:10001 CONSTANT 200 250
5000 0030 OFF
```

Explanation of the values: 1000 and 5000 are relative timestamps (in milliseconds) for the actions. 0030 is the identification of a *traffic flow*. At 1000, a CONSTANT-rate flow is *started* (ON) with source port 3002, destination address 10.1.1.1 and destination port 10001. CONSTANT 200 250 specifies a fixed rate of 200 packets per second (pps) of 250-byte UDP datagrams.

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-- SimonLeinen - 28 Sep 2008