

Random generator

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1 Introduction

What: Emplementing the “rng” ping utility.

Binary located at:

- *libLDA/run/rng*

This binary is used to test the downloading connection.

Note: this test shows DIF sometime doesn't receipt orders as they do not start the random packets generator..

2 Single test

```
# run/rng poldhcp54.conf -snf
```

```
Rng: [buff] [ 1,5] [ 1,8]
Rng ( 1):      0%      1      0
```

```
*** Total : miss 0 / 6 Pkts = 0%
DIF [ 1,5] : 4 received + 0 missing 4 pkts and 0 errors.
DIF [ 1,8] : 2 received + 0 missing 2 pkts and 0 errors.
Dropped pkts: 0
Unexpected pkts: 0
```

3 Non regression test

```
# run/rng poldhcp54.conf -f
```

```
Flush: [buff] [ 1,5] [ 1,8]
Flush( 3):      0%      0      0
Rng ( 4941):      0%      0 4941
Rng ( 4940):      0%      0 4940
Rng ( 4941):      0%      0 4941
Rng ( 575):      0%      0 575
```

```
*** Total : miss 0 / 15400 Pkts = 0%
DIF [ 1,5] : 0 received + 0 missing 0 pkts and 0 errors.
DIF [ 1,8] : 15397 received + 0 missing 15397 pkts and 0 errors.
Dropped pkts: 0
Unexpected pkts: 0
```