

Correctness (Deterministic) Test Results : Sequential Version

./routing-seq 16 1 10000 50 1 8

Running simulation with the following Configuration:

Network size (N)	:	16
Total Number of Routers (N*N)	:	256
Number of Processors	:	1
Simulation Duration	:	10000
Percent of packet injecting applications	:	50
Do routers absorb sleeping packets?	:	Yes
Number of KPs	:	8

rng_init: setting up 256 Generators (1 for each LP)
tw_event_alloc: allocating 1650688 bytes for Event Msgs

*** START SEQUENTIAL SIMULATION ***
*** END SIMULATION ***

Collecting ROSS stats:
PE 0: Run Time = 0.589577

TW Library Statistics:

Total Events Processed	188928
Events Aborted	0
Events Rolled Back	0
Net Events Processed	188928
Total Roll Backs	0
Primary Roll Backs	0
Secondary Roll Backs	0
Fossil Collect Attempts	0
Events Rate	320446.69 (event/sec)
Total Execution Time	0.59 (secs)

DSR sizes in bytes (sizeof):
PE struct 156
LP struct 60
Msg struct 48

Number of Routers	:	256
Number of packets delivered	:	6581
Mean distance traversed	:	7.382812
Mean delivery time in time steps	:	12.326116
Number of packets injected	:	6445
Number of time steps waited to inject	:	5522
Average wait to inject a packet	:	0.856788
Worst Case wait to inject a packet	:	12

Correctness (Deterministic) Test Results : Parallel Version

./routing-par 16 4 10000 50 1 8

Running simulation with the following Configuration:

Network size (N)	:	16
Total Number of Routers (N*N)	:	256
Number of Processors	:	4
Simulation Duration	:	10000
Percent of packet injecting applications	:	50
Do routers absorb sleeping packets?	:	Yes
Number of KPs	:	8

rng_init: setting up 256 Generators (1 for each LP)
tw_event_alloc: allocating 1174528 bytes for Event Msgs
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*** START SIMULATION ***
*** END SIMULATION ***

Collecting ROSS stats:

PE 0: Run Time =	6.141872
PE 1: Run Time =	6.141889
PE 2: Run Time =	6.141858
PE 3: Run Time =	6.148343

TW Library Statistics:

Total Events Processed	1127539
Events Aborted (part of RBs)	19883
Events Rolled Back	938611
Net Events Processed	188928
Remote Events Sent	62639
Total Roll Backs	24738
Primary Roll Backs	11989
Secondary Roll Backs	12749
Fossil Collect Attempts	196
Event Rate	30760.65 (event/sec)
Total Execution Time	6.14 (secs)

DSR sizes in bytes (sizeof):

PE struct	156
LP struct	60
Msg struct	48

Number of Routers	:	256
Number of packets delivered	:	6581
Mean distance traversed	:	7.382812
Mean delivery time in time steps	:	12.326116
Number of packets injected	:	6445
Number of time steps waited to inject	:	5522
Average wait to inject a packet	:	0.856788
Worst Case wait to inject a packet	:	12
