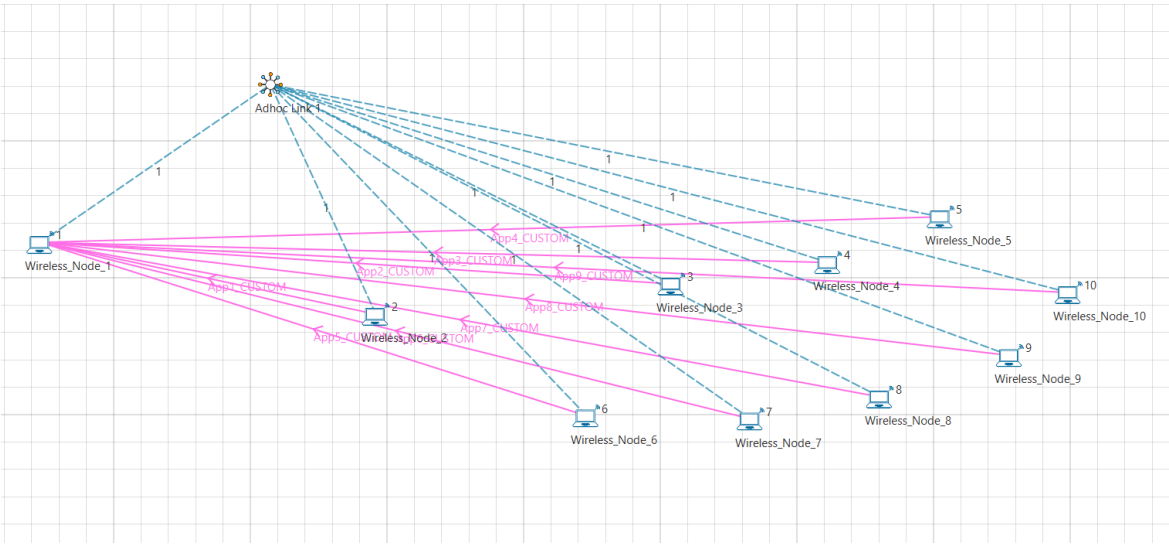


Pure Aloha - 10



a) throughput: 0 mbps

b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
9900	0

Packet_collided	Packet_collided
Data	Control
9900	0

5 retries:

a) throughput: 0.360445 mbps

b) delay: 6014.098 us

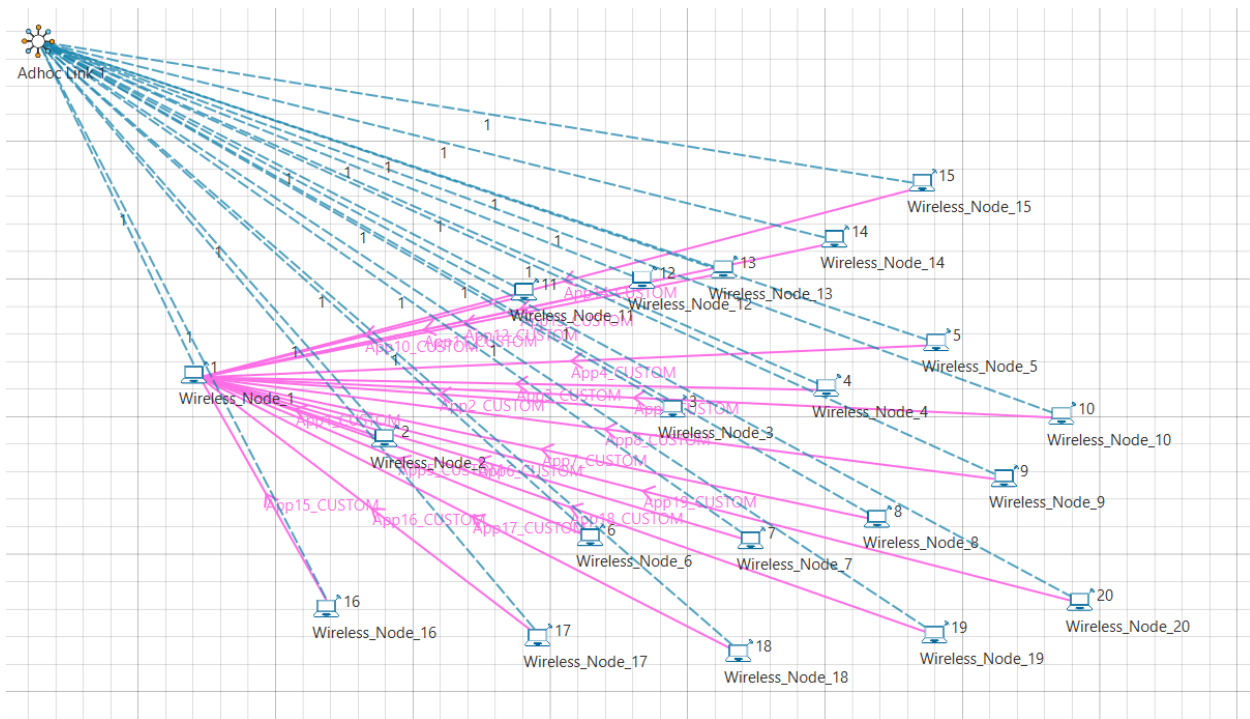
Application Name	Packet generated	Packet received	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	249	246	0.057466	2329.242912
App2_CUSTOM	257	253	0.059101	2572.865898
App3_CUSTOM	267	261	0.060970	3155.124033
App4_CUSTOM	233	231	0.053962	2808.788276
App5_CUSTOM	270	268	0.062605	2710.104152
App6_CUSTOM	251	248	0.057933	2001.887075
App7_CUSTOM	252	245	0.057232	3209.920330
App8_CUSTOM	249	247	0.057699	2000.882919
App9_CUSTOM	249	244	0.056998	2654.301531

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
3083	0

Packet_collided	Packet_collided
Data	Control
840	0

Pure Aloha - 20



a) throughput: 0 mbps

b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
4765	0

Packet_collided	Packet_collided
Data	Control
933	0

5 retries:

a).Throughput : 0.1609Mbps

b).Mean Delay : 5944.13ms

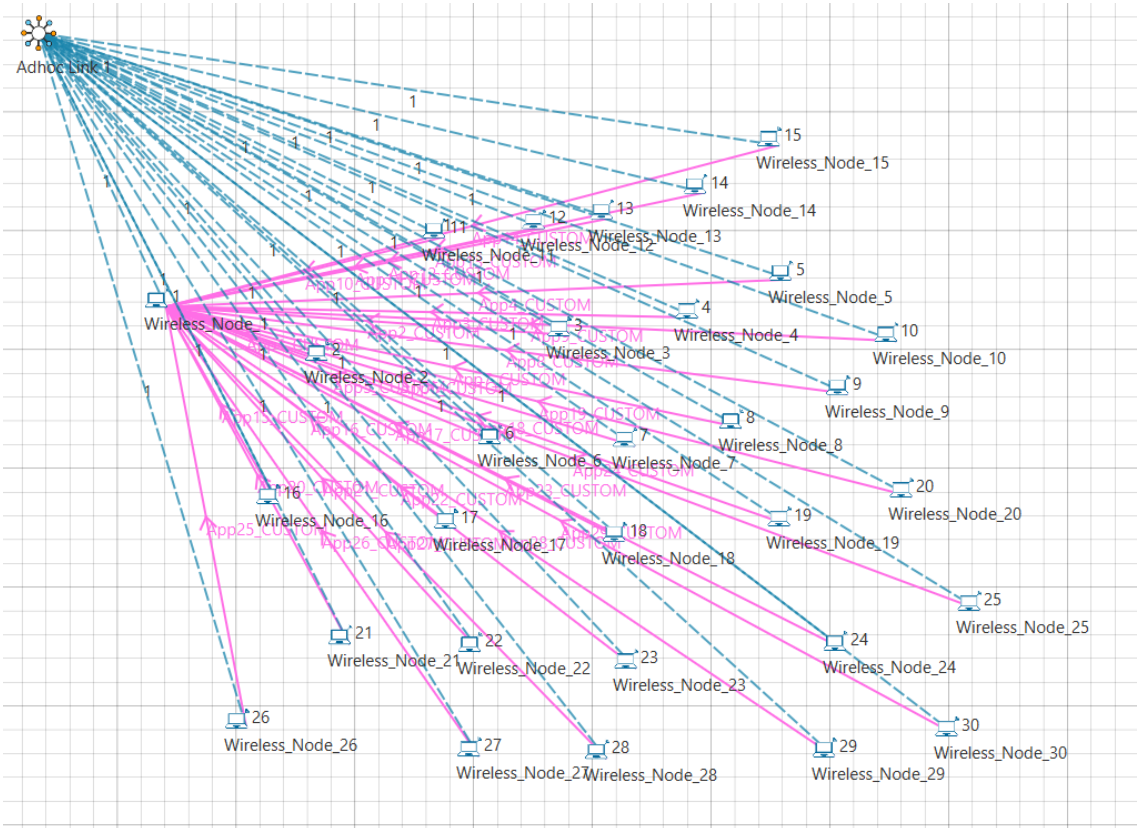
Application Name	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	0.056298	4738.739574
App2_CUSTOM	0.056998	4386.19874
App3_CUSTOM	0.058166	4995.80623
App4_CUSTOM	0.051859	4293.246757
App5_CUSTOM	0.060035	5562.520988
App6_CUSTOM	0.056064	3515.620843
App7_CUSTOM	0.054896	4962.239193
App8_CUSTOM	0.056531	4932.833292
App9_CUSTOM	0.054896	4585.484176
App10_CUSTOM	0.059101	3703.662478
App11_CUSTOM	0.061904	4001.466909
App12_CUSTOM	0.054662	4358.313163
App13_CUSTOM	0.057933	4315.559719
App14_CUSTOM	0.058634	4469.173987
App15_CUSTOM	0.057466	5181.883699
App16_CUSTOM	0.052093	5380.437258
App17_CUSTOM	0.04929	4312.483944
App18_CUSTOM	0.05583	3762.542134
App19_CUSTOM	0.051158	3739.169617

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
8717	0

Packet_collided	Packet_collided
Data	Control
4163	0

Pure Aloha - 30



- a) throughput: 0 mbps
- b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
7242	0

Packet_collided	Packet_collided
Data	Control
2098	0

5 retries:

a).Throughput : 0.028Mbps

b).Mean Delay : 27941.9ms

Application Name	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	0.050224	6326.285208
App2_CUSTOM	0.052326	7731.573607
App3_CUSTOM	0.051626	8552.030307
App4_CUSTOM	0.046954	7072.69659
App5_CUSTOM	0.05256	6908.000685
App6_CUSTOM	0.052326	5874.016432
App7_CUSTOM	0.048589	7577.36451
App8_CUSTOM	0.046253	6847.611757
App9_CUSTOM	0.049056	7020.719375
App10_CUSTOM	0.052794	5572.892593
App11_CUSTOM	0.057232	7727.314914
App12_CUSTOM	0.048355	7955.074284
App13_CUSTOM	0.053261	6023.040535

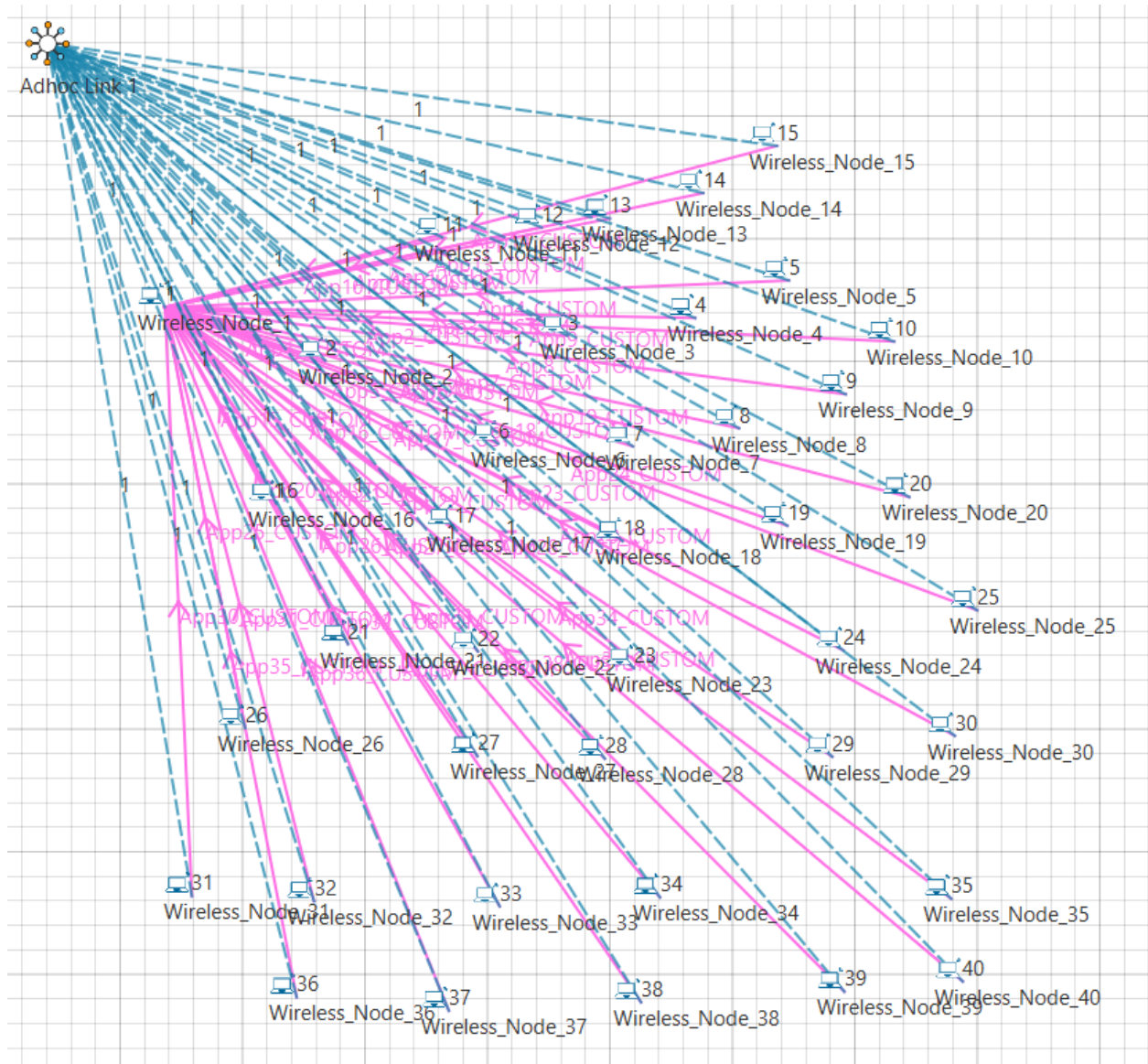
App14_CUSTOM	0.052093	7152.913944
App15_CUSTOM	0.04929	7515.026677
App16_CUSTOM	0.043917	8250.748914
App17_CUSTOM	0.044384	7369.33809
App18_CUSTOM	0.052326	6415.696314
App19_CUSTOM	0.045786	6765.025242
App20_CUSTOM	0.04929	7565.527778
App21_CUSTOM	0.047888	7221.183982
App22_CUSTOM	0.04929	6766.011466
App23_CUSTOM	0.047654	6663.601141
App24_CUSTOM	0.05256	6600.437333
App25_CUSTOM	0.046019	9205.300422
App26_CUSTOM	0.049523	7365.119558
App27_CUSTOM	0.050224	7570.074576
App28_CUSTOM	0.049523	5863.794415
App29_CUSTOM	0.047888	7396.849109

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
18491	0

Packet_collided	Packet_collided
Data	Control
12330	0

Pure Aloha - 40



a) throughput: 0 mbps

b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted

Packet_transmitted

Data	Control
9697	0

Packet_collided	Packet_collided
Data	Control
3571	0

5 retries:

a).Throughput : 0.0116Mbps b).Mean Delay : 870216.19ms

Application Name	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	0.040413	7572.591
App2_CUSTOM	0.038077	7414.023
App3_CUSTOM	0.040646	10596
App4_CUSTOM	0.03831	8882.27
App5_CUSTOM	0.043917	10226.55
App6_CUSTOM	0.040179	8580.345
App7_CUSTOM	0.038077	9126.189
App8_CUSTOM	0.039712	10853.64
App9_CUSTOM	0.039478	11151.81
App10_CUSTOM	0.043216	9088.496
App11_CUSTOM	0.043917	7311.211
App12_CUSTOM	0.038544	9800.581
App13_CUSTOM	0.042282	8357.377
App14_CUSTOM	0.040413	10179.96
App15_CUSTOM	0.040646	10711.96

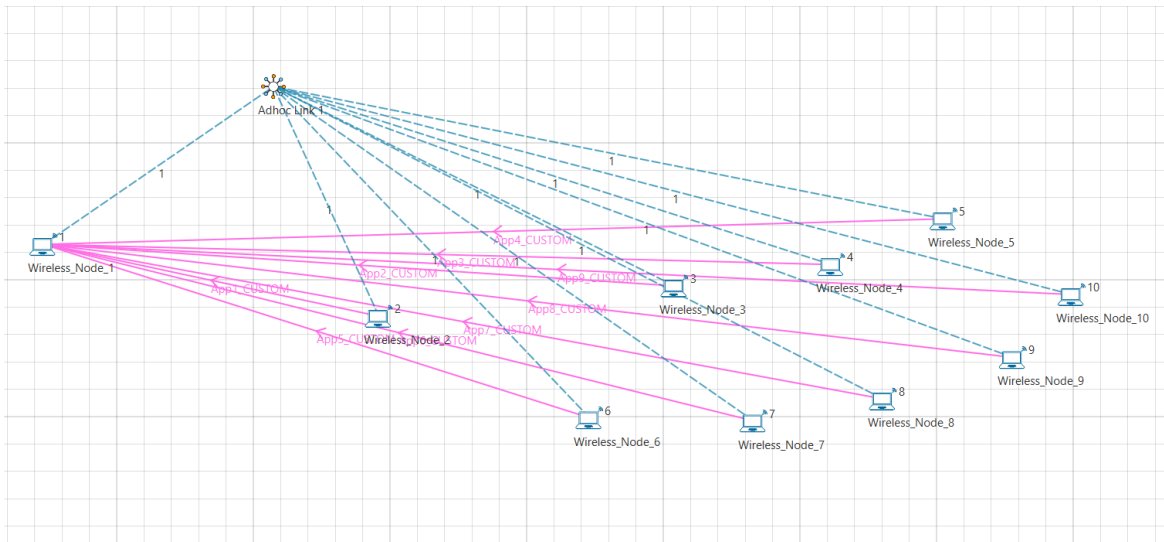
App16_CUSTOM	0.038544	8820.493
App17_CUSTOM	0.034806	10461.03
App18_CUSTOM	0.041347	8995.157
App19_CUSTOM	0.038077	10209.36
App20_CUSTOM	0.03761	8019.874
App21_CUSTOM	0.039478	7582.12
App22_CUSTOM	0.039011	7867.268
App23_CUSTOM	0.039946	8440.591
App24_CUSTOM	0.039946	9542.289
App25_CUSTOM	0.036208	9404.498
App26_CUSTOM	0.038544	8812.721
App27_CUSTOM	0.03831	10336.04
App28_CUSTOM	0.037843	8919.832
App29_CUSTOM	0.037843	8578.292
App30_CUSTOM	0.040179	10182.55
App31_CUSTOM	0.038077	9936.084
App32_CUSTOM	0.036208	9553.941
App33_CUSTOM	0.041814	9007.697
App34_CUSTOM	0.039478	10883.91
App35_CUSTOM	0.036909	9394.566
App36_CUSTOM	0.037843	9836.883
App37_CUSTOM	0.040179	10010.38
App38_CUSTOM	0.039712	8215.9
App39_CUSTOM	0.035974	7000.441

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
32037	0

Packet_collided	Packet_collided
Data	Control
25470	0

Slotted Aloha - 10



a) throughput: 0 mbps

b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
9900	0

Packet_collided	Packet_collided
Data	Control
9900	0

5 retries:

a).Throughput: 0.3101Mbps

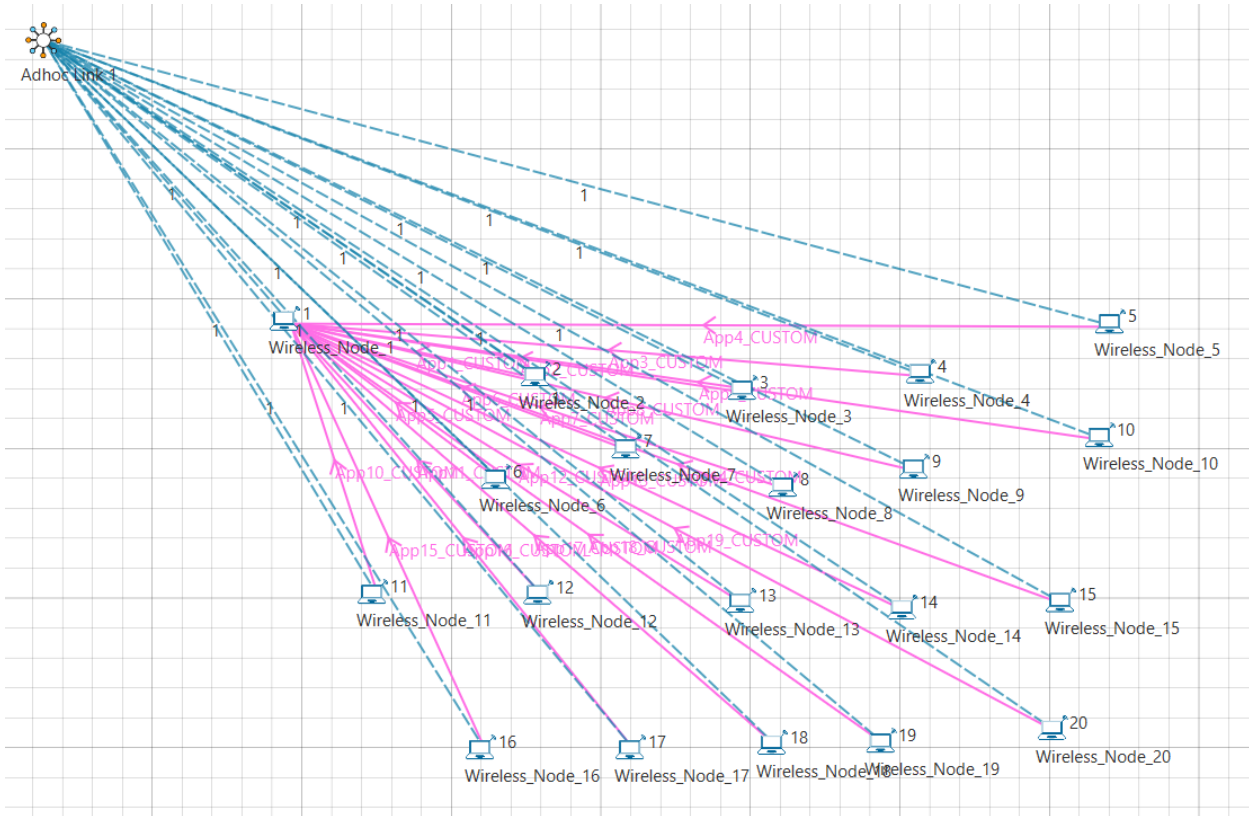
b).765483.842ms

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
3083	0

Packet_collided	Packet_collided
Data	Control
840	0

Slotted Aloha - 20



a) throughput: 0 mbps

b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
4749	0

Packet_collided	Packet_collided
Data	Control
491	0

5 retries:

a).Throughput: 0.1337Mbps

b).661592.9ms

Application Name	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	0.056998	3020.062747
App2_CUSTOM	0.059101	3055.179899
App3_CUSTOM	0.060736	2852.18666
App4_CUSTOM	0.053962	2587.674676
App5_CUSTOM	0.062838	2787.800689
App6_CUSTOM	0.057933	2430.791423
App7_CUSTOM	0.057699	3072.33773
App8_CUSTOM	0.057699	2985.57635
App9_CUSTOM	0.057466	2618.557679
App10_CUSTOM	0.060736	2563.593191

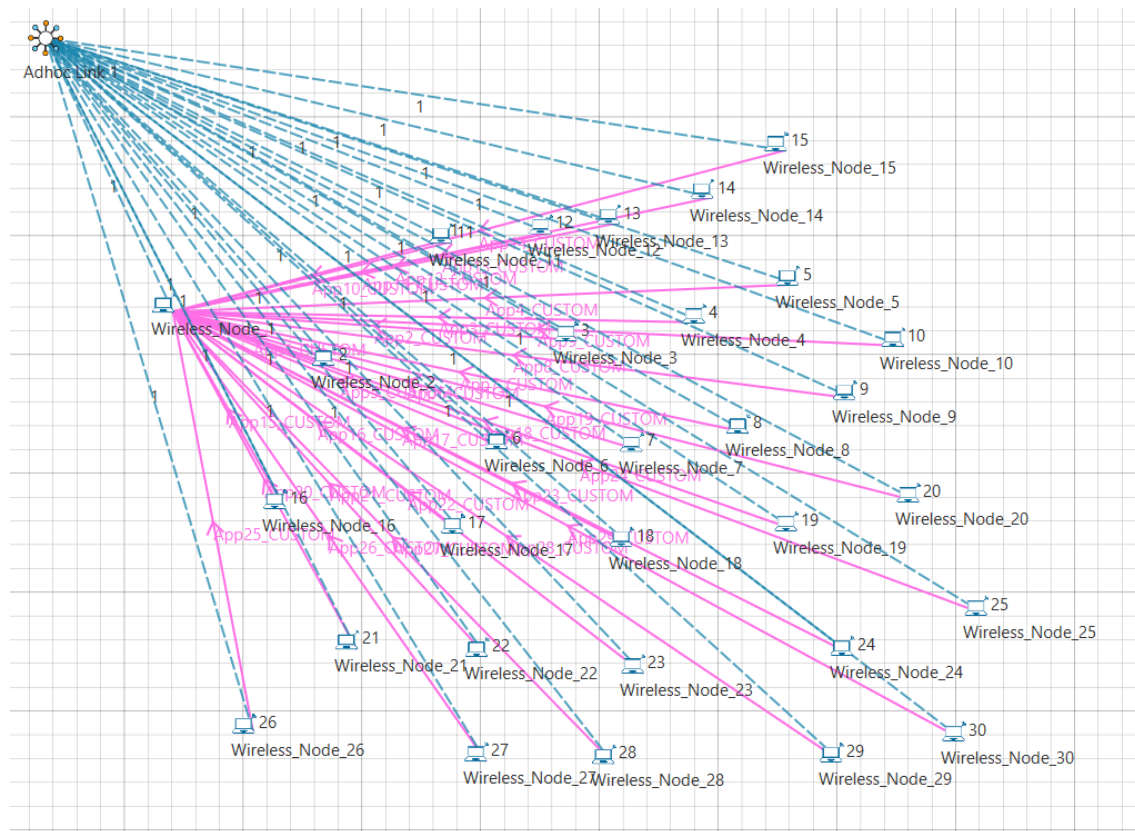
App11_CUSTOM	0.064707	2400.162628
App12_CUSTOM	0.057466	2375.860436
App13_CUSTOM	0.059802	2474.129479
App14_CUSTOM	0.06167	2731.386146
App15_CUSTOM	0.059101	2871.495472
App16_CUSTOM	0.053027	2840.926288
App17_CUSTOM	0.051626	3046.596741
App18_CUSTOM	0.056998	2206.708704
App19_CUSTOM	0.05256	2961.099281

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
6199	0

Packet_collided	Packet_collided
Data	Control
1481	0

Slotted Aloha - 30



a) throughput: 0 mbps

b) delay: 0s

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
7242	0

Packet_collided	Packet_collided
Data	Control
2098	0

5 retries:

a).Throughput: 0.014Mbps

b).Mean Delay : 56.31 ms

Application Name	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	0.050224	6326.285208
App2_CUSTOM	0.052326	7731.573607
App3_CUSTOM	0.051626	8552.030307
App4_CUSTOM	0.046954	7072.69659
App5_CUSTOM	0.05256	6908.000685
App6_CUSTOM	0.052326	5874.016432
App7_CUSTOM	0.048589	7577.36451
App8_CUSTOM	0.046253	6847.611757
App9_CUSTOM	0.049056	7020.719375
App10_CUSTOM	0.052794	5572.892593
App11_CUSTOM	0.057232	7727.314914
App12_CUSTOM	0.048355	7955.074284
App13_CUSTOM	0.053261	6023.040535
App14_CUSTOM	0.052093	7152.913944
App15_CUSTOM	0.04929	7515.026677
App16_CUSTOM	0.043917	8250.748914
App17_CUSTOM	0.044384	7369.33809
App18_CUSTOM	0.052326	6415.696314
App19_CUSTOM	0.045786	6765.025242
App20_CUSTOM	0.04929	7565.527778
App21_CUSTOM	0.047888	7221.183982
App22_CUSTOM	0.04929	6766.011466
App23_CUSTOM	0.047654	6663.601141

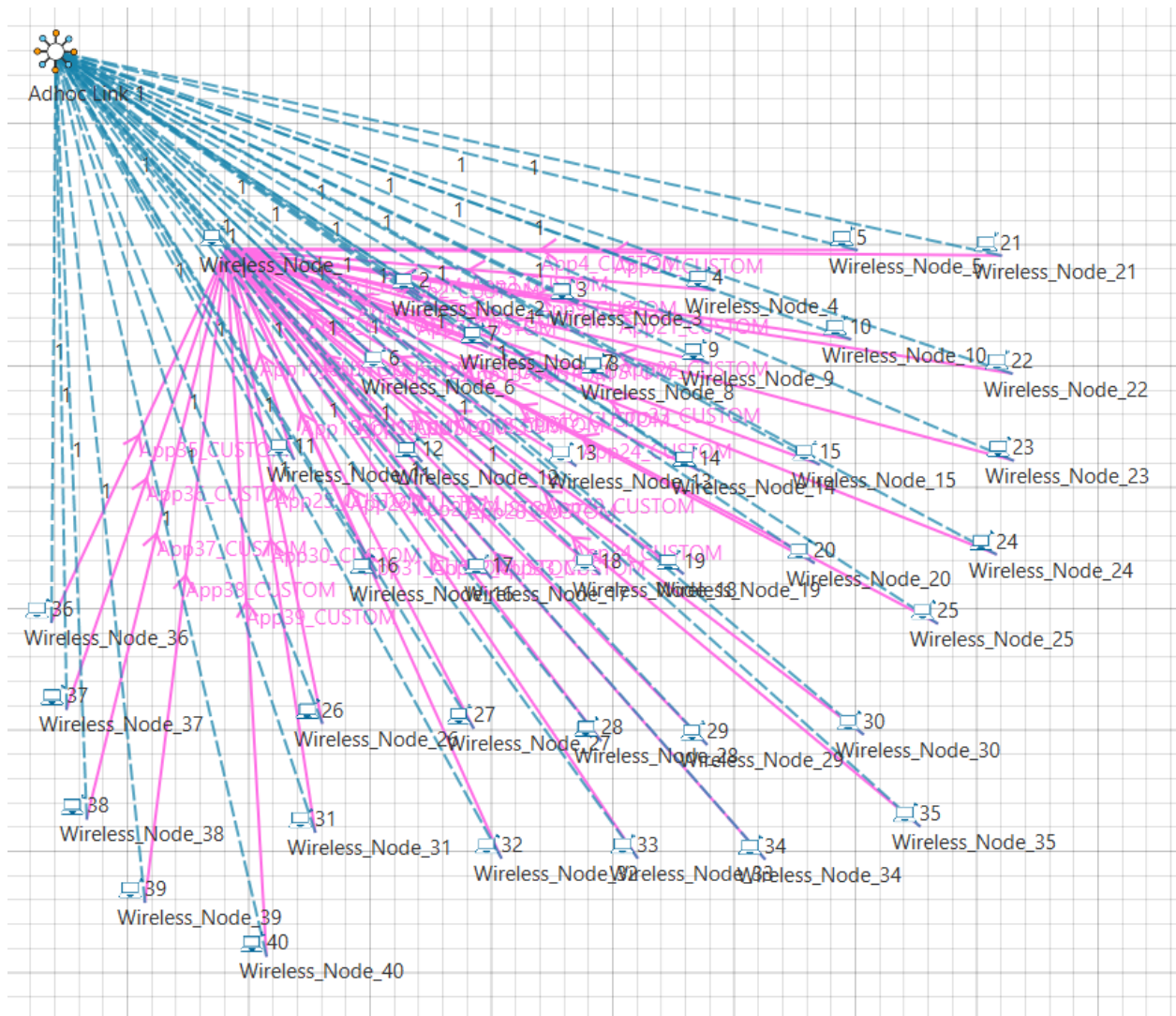
App24_CUSTOM	0.05256	6600.437333
App25_CUSTOM	0.046019	9205.300422
App26_CUSTOM	0.049523	7365.119558
App27_CUSTOM	0.050224	7570.074576
App28_CUSTOM	0.049523	5863.794415
App29_CUSTOM	0.047888	7396.849109

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
18491	0

Packet_collided	Packet_collided
Data	Control
12330	0

Slotted Aloha - 40



a).Throughput: 0.014Mbps

b).Mean Delay : 56.31 ms

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
9668	0

Packet_collided	Packet_collided
Data	Control
2009	0

5 retries:

a).Throughput: 0.01226Mbps

b).Mean Delay : 8897813.8ms

Application Name	Throughput (Mbps)	Delay(microsec)
App1_CUSTOM	0.056298	4600.275338
App2_CUSTOM	0.056765	5066.418034
App3_CUSTOM	0.058634	5823.666638
App4_CUSTOM	0.053027	4909.237522
App5_CUSTOM	0.061437	5336.260464
App6_CUSTOM	0.056064	5137.876063
App7_CUSTOM	0.053962	4759.594513
App8_CUSTOM	0.056298	5108.626504
App9_CUSTOM	0.055597	4550.43197
App10_CUSTOM	0.058867	4459.487932
App11_CUSTOM	0.062138	4769.673059
App12_CUSTOM	0.05583	5675.385276
App13_CUSTOM	0.057699	4276.833567
App14_CUSTOM	0.060035	4736.696602
App15_CUSTOM	0.056064	5338.484063
App16_CUSTOM	0.051158	4071.732727
App17_CUSTOM	0.048355	4951.561652

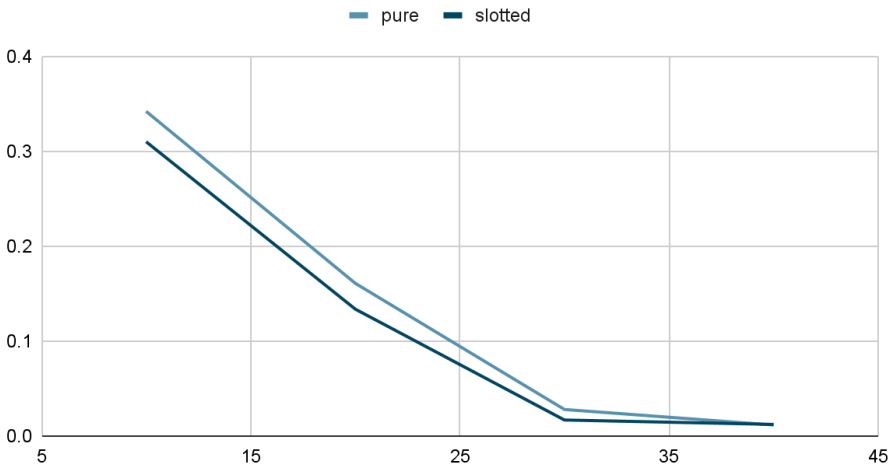
App18_CUSTOM	0.055597	3721.14209
App19_CUSTOM	0.050691	4944.117341
App20_CUSTOM	0.057699	4338.867238
App21_CUSTOM	0.053728	4897.123822
App22_CUSTOM	0.056298	3842.666754
App23_CUSTOM	0.056765	4509.174343
App24_CUSTOM	0.059101	4349.379055
App25_CUSTOM	0.052326	5219.35496
App26_CUSTOM	0.056064	5526.565372
App27_CUSTOM	0.055597	4601.041544
App28_CUSTOM	0.056531	5156.310891
App29_CUSTOM	0.054896	5185.645828
App30_CUSTOM	0.0584	4851.361048
App31_CUSTOM	0.053962	5116.97032
App32_CUSTOM	0.051626	4696.119242
App33_CUSTOM	0.056998	4618.594825
App34_CUSTOM	0.056998	4251.842797
App35_CUSTOM	0.051392	4099.063438
App36_CUSTOM	0.051392	4997.864339
App37_CUSTOM	0.0584	5152.684649
App38_CUSTOM	0.058166	5117.708338
App39_CUSTOM	0.05256	4204.58555

c) packets collided and transmitted:

Packet_transmitted	Packet_transmitted
Data	Control
17935	0

Packet_collided	Packet_collided
Data	Control
8631	0

Throughput



Delay

