

.....DDS.....

dds

Latency is: 601.6574309003238Milisec

Throughput is: 998 message

In [84]: *'F:/JU IIT/research/Dipa apu/gmqtt-master/gmqtt-master/gmqtt/Main.py'*
='F:/JU IIT/research/Dipa apu/gmqtt-master/gmqtt-master/gmqtt'

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117C18>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117CD8>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117C48>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117AC8>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117048>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117468>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117858>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117DF8>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117D38>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117D98>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqt-master\gmqt-master\gmqt>Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117138>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT

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\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117378>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B41176A8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117888>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:250> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117BB8>()]>>
Reloaded modules: mqtt, mqtt.protocol, mqtt.package, mqtt.constants, mqtt.property,
mqtt.utils, mqtt.connection, mqtt.handler, Coap, Coap.protocol, Coap.package,
Coap.constants, Coap.property, Coap.utils, Coap.connection, storage, latency, client_num,
ThroughPut

```

Enter number of node: 50

Enter Length of message: 30

Enter Length of message: 1000

```

[23 13 3 24 0 1 26 12 9 4 16 0 11 21 23 25 21 1 16 15 6 11 5 26
9 10 11 9 25 6 9 2 16 8 18 2 28 16 15 29 5 0 4 2 19 8 2 23
18 20 14 13 26 24 7 18 24 13 12 0 9 23 24 14 8 1 10 24 1 22 29 15
14 0 22 14 23 10 19 22 21 27 8 7 20 4 1 2 4 26 5 14 16 11 3 27
17 28 7 20 9 5 26 26 14 13 27 4 17 1 26 10 2 9 21 17 17 12 29 16
13 15 29 22 21 7 28 3 20 11 1 12 16 9 8 13 1 24 28 6 27 25 4 8
9 6 23 13 26 28 20 7 4 4 10 18 22 27 23 19 21 11 12 13 23 20 27 12
25 17 13 28 19 4 28 16 3 8 23 11 9 26 15 21 19 12 3 18 10 8 29 27
16 21 29 7 23 0 9 6 13 14 29 11 8 11 21 12 29 22 11 10 28 15 24 11
1 22 20 28 18 27 29 1 22 24 21 27 18 22 5 8 5 13 6 6 1 5 2 7
10 11 20 4 15 8 15 17 16 21 4 18 23 23 7 0 6 16 27 22 4 7 8 24
16 23 6 25 12 22 3 28 5 4 7 3 20 28 26 19 12 13 17 22 6 7 21 10
4 23 0 10 16 10 14 3 1 6 10 24 0 15 18 22 12 1 28 19 16 4 12 23
19 18 14 26 20 13 11 28 9 9 20 21 13 1 0 23 16 23 21 9 2 2 2 13
7 25 21 9 20 25 27 8 22 17 2 21 25 28 12 17 22 21 15 10 12 29 12 12
27 22 5 13 21 25 14 22 23 24 0 4 14 24 8 14 9 8 17 24 19 6 2 23
23 27 14 2 7 29 14 18 19 18 23 17 5 24 23 6 14 20 3 28 28 0 18 6
4 4 16 3 22 18 1 8 7 16 1 18 23 22 26 2 15 19 8 8 13 0 25 13
23 20 17 27 21 17 4 16 6 24 18 13 24 18 9 20 6 2 27 18 0 10 11 0
5 16 27 6 0 17 4 20 22 26 11 6 27 11 2 23 14 20 28 14 29 23 8 2
3 20 3 11 28 15 17 18 19 1 6 22 5 5 4 8 29 26 10 18 28 4 12 26
16 28 7 11 10 27 0 19 24 17 23 16 14 17 21 20 23 24 21 8 28 4 15 23
3 3 22 17 22 19 17 11 10 11 1 23 26 6 15 11 4 23 0 18 9 20 23 11
20 1 4 25 0 3 20 27 10 10 26 17 3 3 2 12 20 19 5 4 25 4 23 11
15 15 0 23 1 17 29 21 5 9 6 13 18 19 4 23 27 10 24 28 10 23 5 27
25 26 13 20 22 9 29 24 17 15 6 9 29 22 19 12 27 3 24 17 22 9 8 21
27 2 25 12 0 1 12 28 4 24 8 24 2 29 26 19 14 17 17 28 23 24 1 26
21 17 22 0 6 25 24 4 24 4 11 21 3 7 20 12 3 4 25 7 0 9 1 22
23 0 22 11 2 10 6 12 16 3 15 18 13 20 11 18 17 20 29 18 20 14 3 11
2 5 8 19 18 11 1 2 3 5 13 28 25 29 22 29 27 13 3 17 22 26 12 16
1 19 12 25 26 24 22 6 0 8 19 24 12 25 1 8 9 14 18 12 20 28 29 11

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27 11 25 1 15 17 10 3 29 9 11 23 6 27 12 3 26 18 10 26 5 29 9 6
5 28 15 24 8 15 19 19 25 29 1 6 13 16 12 4 22 14 12 21 23 24 24 9
26 4 15 7 25 16 24 1 22 15 11 4 7 14 27 20 2 10 0 7 20 27 19 5
17 10 0 25 15 8 7 18 28 8 19 12 27 22 17 23 1 6 7 21 8 14 4 2
10 15 21 8 8 0 7 22 28 14 6 19 12 4 14 12 4 12 6 7 12 22 12 15
23 3 19 16 24 27 13 14 15 17 19 26 18 18 0 7 29 27 4 21 23 28 25 12
6 21 16 9 2 10 20 1 5 12 29 13 2 24 20 21 12 29 28 7 14 29 9 22
18 22 15 19 17 23 20 9 7 11 23 5 24 7 9 29 12 0 1 14 14 28 18 8
12 0 15 16 7 18 12 16 16 18 8 3 27 10 23 11 4 5 10 24 3 9 17 0
19 19 8 24 13 14 11 28 14 3 26 26 5 7 13 0 18 18 18 23 26 27 0 17
17 12 29 12 12 1 8 4 16 0 1 24 13 9 22 7]

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mqttsn

.....MQTT-SN.....

Latency is: 52.792821457397686Milisec

Throughput is: 970 message

coap

.....CoAP.....

Latency is: 24.233297625668058Milisec

Throughput is: 880 message

http

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B4582C18>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT \research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:250> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B4582438>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B47665E8>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B4766708>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B4766648>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B4766588>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

cb=[<TaskWakeupMethWrapper object at 0x000001E4B4766798>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending

[illegible]

[illegible]

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

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Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

[illegible]

[illegible]

[illegible]

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

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Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

Task was destroyed but it is pending!

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cb=[<TaskWakeupMethWrapper object at 0x000001E4B45822B8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4582558>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4582528>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117CA8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B41170D8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117F78>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B41173D8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117E88>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B41176D8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() running at F:\JU IIT\research\Dipa
apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4117198>()]>>

```

.....HTTP.....

Latency is: 38.82790576684591Milisec
Throughput is: 937 message
dds

.....DDS.....

Latency is: 624.4766021260442Milisec
Throughput is: 998 message

In [85]: 'F:/JU IIT/research/Dipa apu/gmqtt-master/gmqtt-master/gmqtt/Main.py'
='F:/JU IIT/research/Dipa apu/gmqtt-master/gmqtt-master/gmqtt'

Reloaded modules: mqtt, mqtt.protocol, mqtt.package, mqtt.constants, mqtt.property,
mqtt.utils, mqtt.connection, mqtt.handler, Coap, Coap.protocol, Coap.package,
Coap.constants, Coap.property, Coap.utils, Coap.connection, storage, latency, client_num,
ThroughPut

```

Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462AB88>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A498>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A558>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A348>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A2B8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A0A8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A258>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A378>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B462A228>()]>>

```

Enter number of node: 2

Enter Length of message: 10

Enter Number of message: 100

```

[2 4 7 3 2 9 2 3 4 5 1 6 1 7 8 0 2 9 0 6 4 9 0 3 6 6 4 2 3 4 1 6 4 3 4 1 5
9 0 2 6 8 1 9 2 7 0 2 5 1 6 1 7 4 6 0 0 8 8 4 8 3 4 7 7 0 5 2 5 4 6 8 5 5
9 4 2 0 1 8 3 2 9 7 5 1 8 3 6 6 6 9 1 7 8 8 0 1 4 3]

```

.....MQTT-SN.....

Latency is: 5.284214529738985Milisec

Throught is: 97 message

.....CoAP.....

Latency is: 3.43324197774016Milisec

Throught is: 80 message

.....HTTP.....

Latency is: 6.280550365035888Milisec

Throughput is: 93 message

.....DDS.....

Latency is: 557.2570465769783Milisec

Throughput is: 98 message

In [86]: 'F:/JU IIT/research/Dipa apu/simulation/Main.py' = 'F:/JU IIT/
research/Dipa apu/simulation'

Reloaded modules: mqtt, mqtt.protocol, mqtt.package, mqtt.constants, mqtt.property,
mqtt.utils, mqtt.connection, mqtt.handler, Coap, Coap.protocol, Coap.package,
Coap.constants, Coap.property, Coap.utils, Coap.connection, storage, latency, client_num,
ThroughPut

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B41174F8>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B41175B8>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B473DF48>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B48EBE28>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B48EBD68>()]>>

Task was destroyed but it is pending!

task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\gmqtt-master\gmqtt-master\gmqtt\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B48EBE58>()]>>

Enter number of node: 20

Enter Length of message: 30

Enter Number of message: 1000

```
[14 11 24 17 20 12 29 8 21 10 0 3 9 3 15 26 10 20 26 19 11 5 10 25
18 20 9 23 6 13 24 10 4 23 26 18 14 2 14 8 3 9 3 15 5 18 22 16
13 27 26 1 7 5 7 11 14 5 4 1 12 27 13 21 10 1 26 5 2 25 12 13
15 11 6 18 22 1 21 13 21 12 16 13 15 10 7 27 9 26 27 28 0 13 17 28
1 27 13 12 0 6 6 8 21 20 26 8 18 2 12 22 27 1 23 9 4 3 0 14
17 19 17 23 13 25 2 2 23 6 21 2 7 18 2 29 16 26 19 19 19 17 19 19
10 26 29 7 5 9 5 21 8 17 26 12 1 18 19 15 18 2 4 21 21 11 0 15
24 11 14 15 16 20 17 11 8 15 5 0 27 27 26 8 18 18 14 0 7 0 10 20
```

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16 25 14 15 11 1 25 20 0 14 1 29 17 27 12 1 7 1 12 17 20 4 11 0
10 2 26 5 27 17 14 21 10 24 19 9 10 22 8 4 18 18 4 23 23 4 29 5
25 26 8 15 3 8 21 1 14 15 23 3 7 5 4 21 12 24 2 24 0 29 22 22
28 10 17 25 26 18 21 24 26 23 15 17 28 6 18 3 1 13 0 9 20 0 18 10
17 28 17 19 8 15 17 2 26 11 6 16 7 22 25 2 0 14 5 9 8 3 1 13
18 20 24 14 20 0 22 29 17 20 26 22 11 15 0 23 18 25 23 20 4 7 14 19
20 22 27 14 16 7 5 1 23 26 18 2 27 18 16 5 18 10 1 24 0 17 0 21
2 21 26 5 11 22 12 27 24 21 25 16 22 10 4 23 23 11 20 2 21 8 7 9
19 17 22 20 26 13 24 12 21 14 29 29 26 28 13 9 1 20 5 5 0 15 3 6
8 3 13 2 8 20 5 23 10 5 27 20 2 17 27 1 24 19 4 20 0 0 15 29
18 17 5 8 3 13 20 18 15 3 2 26 27 17 20 13 21 18 0 17 2 7 13 4
27 2 3 19 23 13 6 3 29 9 12 8 15 24 9 8 16 5 12 26 1 9 8 18
0 23 26 18 21 15 5 28 0 13 18 16 11 22 16 3 4 19 5 24 23 13 26 16
11 10 5 9 9 10 9 28 7 12 25 17 20 26 8 13 6 1 23 1 8 22 22 1
16 15 29 4 17 1 21 28 4 20 2 15 22 16 6 14 15 8 21 27 27 11 16 18
2 20 17 25 27 7 26 26 19 25 8 15 6 26 3 10 16 14 20 19 22 4 22 2
19 21 7 22 17 20 17 21 7 4 12 22 24 16 2 1 26 8 3 22 29 24 4 18
13 21 10 19 20 21 25 13 0 20 7 1 28 14 21 4 8 15 17 15 11 14 18 5
16 7 27 17 6 28 8 9 10 11 28 22 18 19 2 3 16 13 26 24 12 5 3 21
27 16 21 24 0 11 21 7 10 2 13 9 0 2 6 10 0 4 29 7 17 7 7 10
19 8 1 6 28 21 14 17 12 3 2 3 13 25 7 28 13 13 7 27 26 27 10 7
27 29 14 28 14 20 23 9 28 28 7 8 20 3 20 21 4 1 14 1 26 5 18 7
11 0 29 21 12 24 23 28 5 17 11 21 15 26 19 27 20 0 11 5 15 4 7 15
21 6 7 8 18 17 6 12 25 11 19 5 1 2 1 17 26 8 22 17 19 24 12 27
27 9 28 3 1 3 5 0 16 9 13 10 14 21 24 9 19 5 5 6 23 15 5 16
6 10 1 18 29 1 29 29 24 18 12 2 5 15 12 9 6 3 9 23 22 11 24 9
1 22 14 4 10 24 6 2 22 28 16 15 24 3 13 14 15 17 9 1 0 21 18 27
21 1 11 11 3 22 1 21 12 25 3 14 1 5 22 28 11 10 29 9 17 14 4 23
26 10 0 6 1 4 1 5 18 13 27 8 2 18 1 0 12 16 28 8 1 26 27 24
20 19 4 11 29 27 15 19 12 27 4 26 27 7 22 2 27 8 17 9 7 27 9 6
17 24 17 27 15 2 18 15 11 22 29 17 10 15 27 14 16 29 4 0 4 29 26 9
17 16 27 22 14 12 3 4 12 14 7 27 5 9 20 14 2 27 26 25 27 12 5 10
9 29 15 20 22 13 18 9 13 20 14 17 4 6 7 17 13 8 10 11 18 21 0 8
17 17 12 5 0 8 11 11 23 14 24 22 29 15 18 4]

```

.....MQTT-SN.....

Latency is: 47.530093191353295Milisec

Througput is: 970 message

.....CoAP.....

Latency is: 23.72638916300542Milisec

Througput is: 880 message

.....HTTP.....

Latency is: 37.06956360310536Milisec

Througput is: 937 message

.....DDS.....

Latency is: 622.4012604403949Milisec

Througput is: 998 message

Task was destroyed but it is pending!

[illegible]


```

Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B49295E8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4929648>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B49296A8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4929708>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4929768>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B49297C8>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4929828>()]>>
Task was destroyed but it is pending!
task: <Task pending coro=<Client._resend_qos_messages() done, defined at F:\JU IIT
\research\Dipa apu\simulation\Main.py:251> wait_for=<Future pending
cb=[<TaskWakeupMethWrapper object at 0x000001E4B4929888>()]>>

```

In [87]: