



TEAM OMEGA

INSTANT CREDIT TRANSFER PAYMENT SYSTEM

Indian Institute of Information Technology, Kottayam

PROJECT

CREDIT TRANSFER SYSTEM (MT 103 to XML PAC.008 Converter)

01 Request

02 Receive

03 Validate

04 Convert

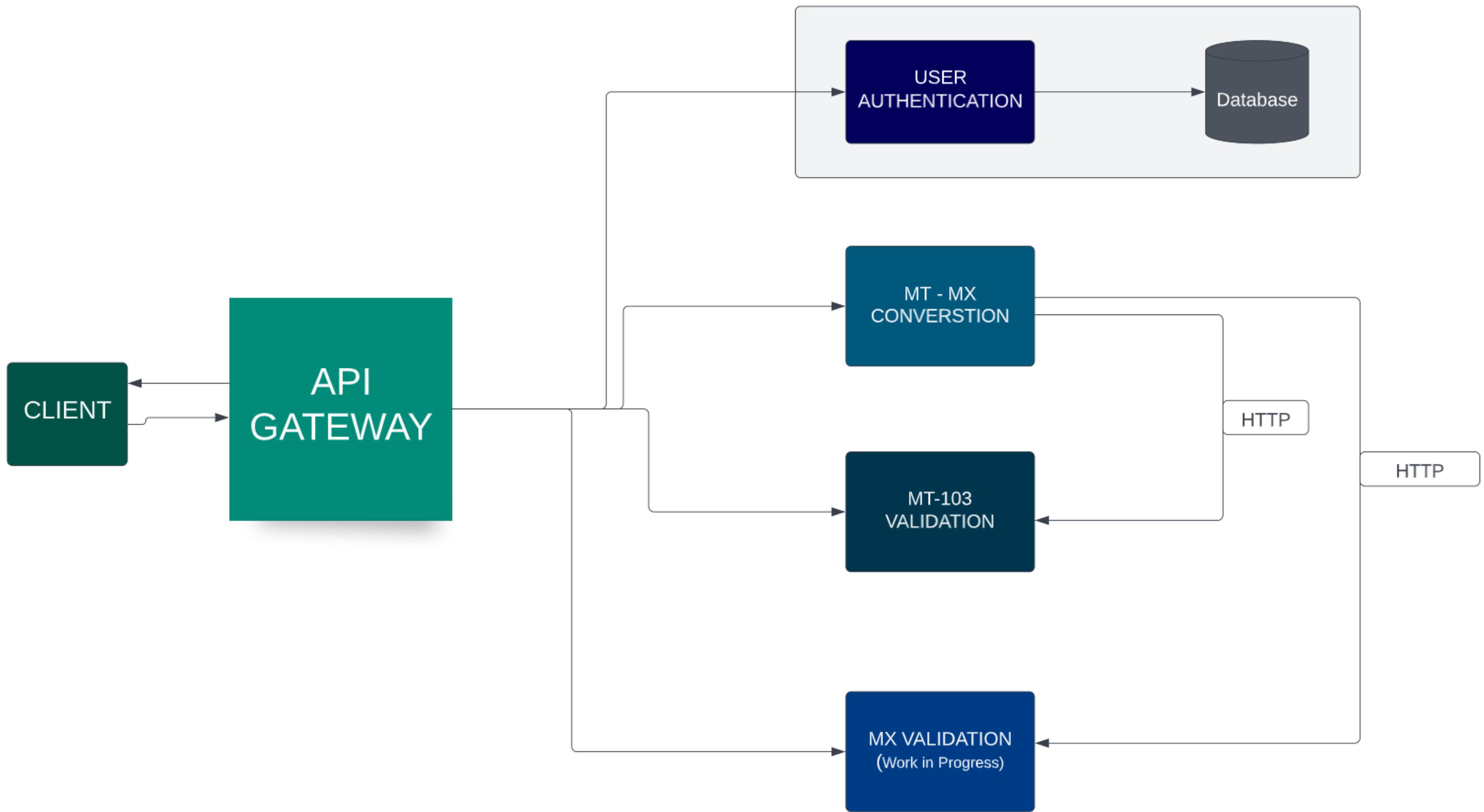
TECH STACK

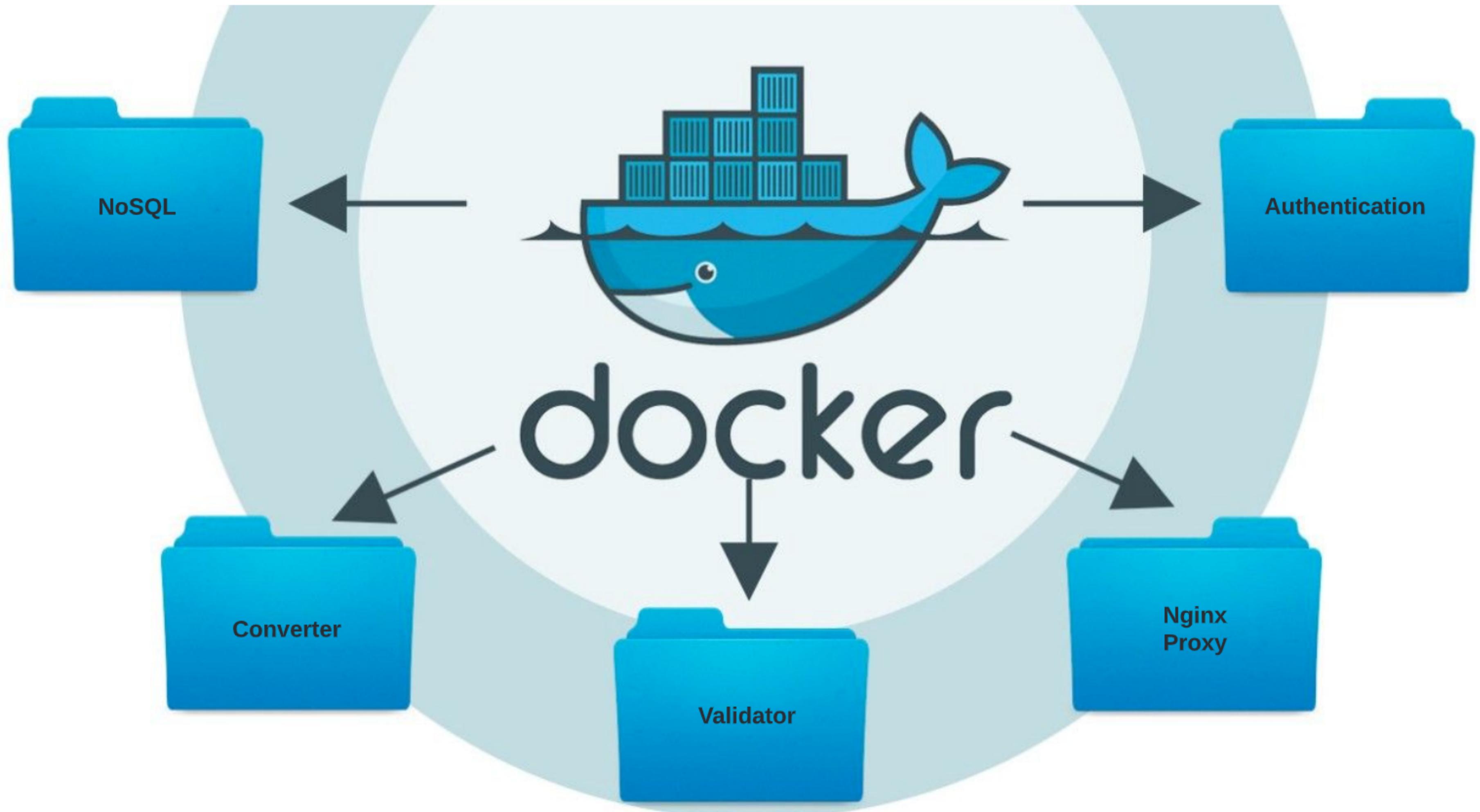
Technologies used in building the application

01	02	03	04	05	06
Node.js	Mongo DB	RegEx	Rest API	Docker & Cloud	Microservices



ARCHITECTURE AND DESIGN





J-METER TEST RESULTS

apiresult.jmx (/home/renovx/Documents/results/apiresult.jmx) - Apache JMeter (5.5)



File Edit Search Run Options Tools Help

Test Plan

Thread Group

- mxconverter
- mtvalidate
- mxconverter2

View Results Tree

View Results in Table

Aggregate Report

Graph Results

View Results in Table

Name: View Results in Table

Comments:

- Write results to file / Read from file

Filename:

Browse... Log/Display Only: Errors Successes Configure

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	23:27:55.526	Thread Group 1-3	mxconverter	189	✓	1079	570	185	68
2	23:27:55.527	Thread Group 1-2	mxconverter	188	✓	1079	570	184	67
3	23:27:55.539	Thread Group 1-17	mxconverter	176	✓	1079	570	172	55
4	23:27:55.526	Thread Group 1-6	mxconverter	190	✓	1079	570	190	68
5	23:27:55.527	Thread Group 1-10	mxconverter	188	✓	1079	570	186	67
6	23:27:55.527	Thread Group 1-13	mxconverter	192	✓	1079	570	192	67
7	23:27:55.526	Thread Group 1-5	mxconverter	196	✓	1079	570	196	68
8	23:27:55.583	Thread Group 1-19	mxconverter	143	✓	1079	570	143	11
9	23:27:55.527	Thread Group 1-4	mxconverter	202	✓	1079	570	202	67
10	23:27:55.526	Thread Group 1-11	mxconverter	207	✓	1079	570	207	68
11	23:27:55.527	Thread Group 1-7	mxconverter	209	✓	1079	570	208	67
12	23:27:55.563	Thread Group 1-18	mxconverter	177	✓	1079	570	177	31
13	23:27:55.526	Thread Group 1-12	mxconverter	217	✓	1079	570	217	68
14	23:27:55.526	Thread Group 1-15	mxconverter	220	✓	1079	570	220	68
15	23:27:55.526	Thread Group 1-16	mxconverter	223	✓	1079	570	223	68
16	23:27:55.526	Thread Group 1-8	mxconverter	226	✓	1079	570	226	69
17	23:27:55.526	Thread Group 1-14	mxconverter	229	✓	1079	570	229	69
18	23:27:55.526	Thread Group 1-9	mxconverter	232	✓	1079	570	232	69
19	23:27:55.725	Thread Group 1-6	mtvalidate	35	✓	1342	556	35	1
20	23:27:55.527	Thread Group 1-1	mxconverter	234	✓	1079	570	234	68
21	23:27:55.725	Thread Group 1-10	mtvalidate	38	✓	1342	556	38	1
22	23:27:55.601	Thread Group 1-20	mxconverter	164	✓	1079	570	164	2
23	23:27:55.725	Thread Group 1-13	mtvalidate	41	✓	1342	556	40	1
24	23:27:55.764	Thread Group 1-10	mxconverter2	4	✓	1082	2325	4	0
25	23:27:55.725	Thread Group 1-5	mtvalidate	43	✓	1342	556	43	1
26	23:27:55.761	Thread Group 1-6	mxconverter2	11	✓	1082	2325	11	0
27	23:27:55.726	Thread Group 1-2	mtvalidate	49	✓	1342	556	49	1
28	23:27:55.726	Thread Group 1-17	mtvalidate	51	✓	1342	556	51	1
29	23:27:55.766	Thread Group 1-13	mxconverter2	11	✓	1082	2325	11	0
30	23:27:55.726	Thread Group 1-3	mtvalidate	54	✓	1342	556	54	1
31	23:27:55.769	Thread Group 1-5	mxconverter2	12	✓	1082	2325	12	0
32	23:27:55.728	Thread Group 1-19	mtvalidate	57	✓	1342	556	57	1
33	23:27:55.620	Thread Group 1-21	mxconverter	168	✓	1079	570	168	2
34	23:27:55.731	Thread Group 1-4	mtvalidate	59	✓	1342	556	59	1
35	23:27:55.735	Thread Group 1-11	mtvalidate	57	✓	1342	556	57	1
36	23:27:55.640	Thread Group 1-22	mxconverter	153	✓	1079	570	153	1

 Scroll automatically? Child samples?

No of Samples 150

Latest Sample 3

Average 58

Deviation 65

Home Downloads apache-jmeter-5.5 bin

Recent Starred Home Desktop Documents Downloads Music Pictures Videos Trash + Other Loc

File Edit Search Run Options Tools Help

Test Plan Thread Group mxconvertor mxvalidate mxconvertor2 View Results Tree View Results in Table Aggregate Report Graph Results

Graph Results

Name: Graph Results

Comments:

- Write results to file / Read from file

Filename /home/renovx/Documents/results/graph

Browse... Log/Display Only: Errors Successes Configure

Graphs to Display Data Average Median Deviation Throughput

1 ms

No of Samples 150 Deviation 65 Latest Sample 3 Throughput 13,177.16/minute

Average 58 Median 42

apiresult.jmx (/home/renovx/Documents/results/apiresult.jmx) - Apache JMeter (5.5)

00:00:02 0 0/50

jaas.conf

mirror-server

utility.groovy

The screenshot shows the Apache JMeter 5.5 application window. The left sidebar lists recent and starred files, and the main area displays a 'Graph Results' report for a test plan named 'Graph Results'. The report includes a graph showing response times (ms) versus sample count, with a peak around 1 ms. Below the graph, summary statistics are provided: No of Samples (150), Deviation (65), Latest Sample (3), Throughput (13,177.16/minute), Average (58), and Median (42). The top status bar indicates the current time as Aug 30 11:28 PM.

Recent Starred Home Desktop Documents Downloads Music Pictures Videos Trash + Other Locations

Test Plan Thread Group mxconvertor mtvalidate mxconvertor2 View Results Tree View Results in Table Aggregate Report Graph Results

Aggregate Report

Name: Aggregate Report

Comments:

- Write results to file / Read from file

Filename /home/renovx/Documents/results/aggregate

Browse... Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Maximum	Error %	Throughput	Received ...	Sent KB/sec
mxconvertor...	50	114	122	220	226	234	3	234	0.00%	74.0/sec	77.94	41.17
mtvalidate	50	26	23	57	57	59	2	59	0.00%	104.2/sec	136.52	56.56
mxconvertor...	50	33	17	71	73	77	2	77	0.00%	111.6/sec	117.93	253.40
TOTAL	150	58	42	188	207	232	2	234	0.00%	219.6/sec	250.43	246.71

Include group name in label? Save Table Data Save Table Header

apiresult.jmx (/home/renovx/Documents/results/apiresult.jmx) - Apache JMeter (5.5)

00:00:02 0 0/50

jaas.conf

mirror-server

utility.groovy

MEET THE TEAM

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The background features a dark teal color with abstract white shapes. On the left, there are two large, semi-transparent circles: one is light blue and the other is dark navy. Overlaid on these circles are several thin, black, wavy lines that intersect and curve across the frame.

THANK YOU!