

Registration Latency Tests

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Registering a User

Test 1	0.88s
Test 2	0.49s
Test 3	0.50s
Test 4	0.52s

Mean/Average: 0.5975 seconds
Standard Deviation: 0.163 seconds
Median: 0.51 seconds
Mode: None

Note:
The connection to the Kafka server is likely an explanation as to why the first test took the longest.

Registering an Entity

Test 1	0.46s
Test 2	0.48s
Test 3	0.79s
Test 4	0.90s

Mean/Average: 0.6575 seconds
Standard Deviation: 0.1916 seconds
Median: 0.635seconds
Mode: None

Note:
Exhaustion of resources, connection to the server, and/or unoptimized software can be an explanation for these varying times.

Authenticating A User

Test 1	0.01s
Test 2	0.01s
Test 3	0.01s
Test 4	0.01s

Mean/Average: 0.01 seconds
Standard Deviation: 0.00 seconds
Median: 0.01 seconds
Mode: 0.01

Note:
The times are consistent for
registering a user. This is an ideal
amount of time.

Accept HSML JSON File

Test 1	0.00s
Test 2	0.00s
Test 3	0.00s
Test 4	0.00s

Check File Has All Required Fields

Test 1	0.00s
Test 2	0.00s
Test 3	0.00s
Test 4	0.00s