

Locust Test Report

During: 7/23/2025, 9:04:37 PM - 7/23/2025, 9:35:38 PM (31 minutes and 1 second)
Target Host: http://localhost:8081
Script: main.py

Request Statistics



Type	Name	# Requests	# Fails	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	RPS	Failures/s
GET	/login	250	0	2743.18	8	10009	4450	0.13	0
POST	/login	250	0	1460.8	235	2622	23	0.13	0
GET	Aggregate heavy	38697	3	141.27	2	10664	19647.22	20.79	0
POST	Create collection	11920	3	109.82	5	9722	75.87	6.41	0
POST	Create document	31188	1	78.21	5	10093	75	16.76	0
POST	Delete collection	9989	0	85.63	6	10281	66	5.37	0
POST	Delete document	22370	0	91.83	5	1613	100.05	12.02	0
GET	Regex query	39092	5	146.65	2	10664	34280.67	21.01	0
POST	Update document	22681	1	92.19	5	9027	79.1	12.19	0
GET	View collections	38995	5	119.48	1	10425	5673.02	20.95	0
Aggregated		215432	18	119.1	1	10664	10818.54	115.77	0.01

Response Time Statistics

Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
GET	/login	1200	2500	4200	5700	7600	8600	9700	10000
POST	/login	1600	1800	1900	2100	2200	2300	2500	2600
GET	Aggregate heavy	100	130	160	200	290	380	780	11000
POST	Create collection	80	98	120	150	220	290	610	9700
POST	Create document	53	67	85	110	160	220	480	10000
POST	Delete collection	61	79	98	130	180	240	420	10000

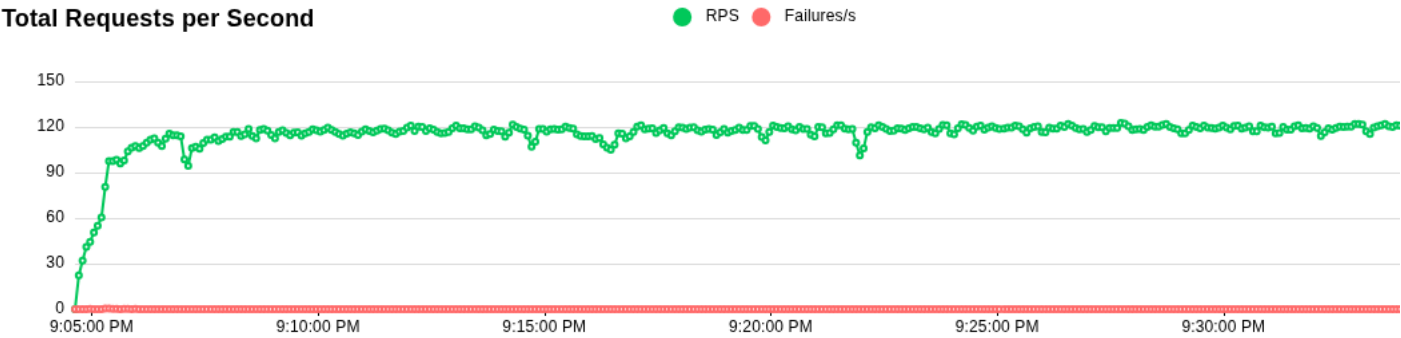
Method	Name	50%ile (ms)	60%ile (ms)	70%ile (ms)	80%ile (ms)	90%ile (ms)	95%ile (ms)	99%ile (ms)	100%ile (ms)
POST	Delete document	66	85	110	140	200	260	450	1600
GET	Regex query	100	130	160	200	300	400	900	11000
POST	Update document	67	85	110	140	200	270	450	9000
GET	View collections	84	110	130	170	250	340	730	10000
	Aggregated	79	100	130	170	240	330	700	11000

Failures Statistics

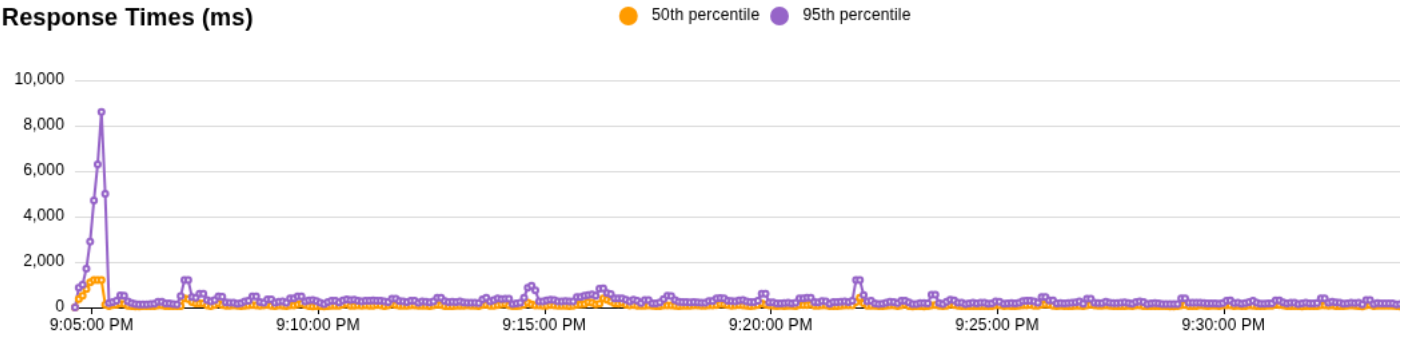
# Failures	Method	Name	Message
3	GET	Aggregate heavy	RemoteDisconnected('Remote end closed connection without response')
3	POST	Create collection	RemoteDisconnected('Remote end closed connection without response')
1	POST	Create document	CatchResponseError('Create failed: 0')
5	GET	Regex query	RemoteDisconnected('Remote end closed connection without response')
1	POST	Update document	RemoteDisconnected('Remote end closed connection without response')
5	GET	View collections	RemoteDisconnected('Remote end closed connection without response')

Charts

Total Requests per Second

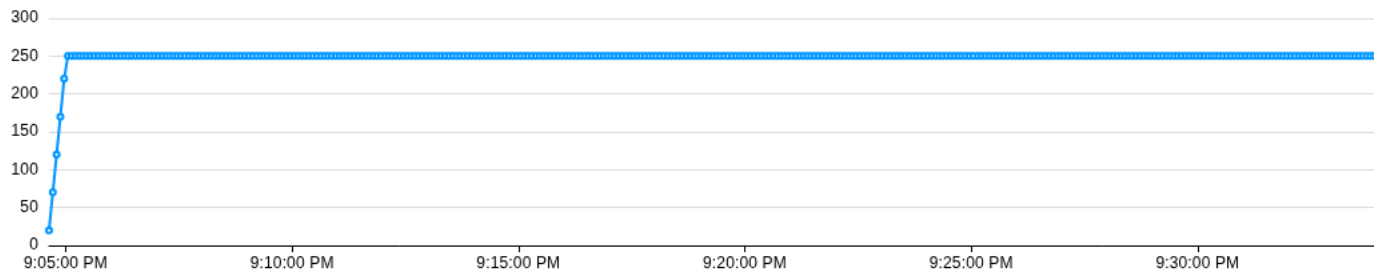


Response Times (ms)



Number of Users

Number of Users



Final ratio

Ratio Per Class

- 100.0% MongoUser
 - 17.9% aggregateQuery
 - 5.4% createCollection
 - 14.3% createDocument
 - 5.4% deleteCollection
 - 10.7% deleteDocument
 - 17.9% regexQuery
 - 10.7% updateDocument
 - 17.9% viewCollections

Total Ratio

- 100.0% MongoUser
 - 17.9% aggregateQuery
 - 5.4% createCollection
 - 14.3% createDocument
 - 5.4% deleteCollection
 - 10.7% deleteDocument
 - 17.9% regexQuery
 - 10.7% updateDocument
 - 17.9% viewCollections