DummyJSON Auth API Load Test

Test Setup:

- 50 concurrent users, 3 min duration, ramp-up 60 sec.

- Flow: `POST /auth/login` → extract token → `GET /auth/me`.

- Assertions: Status 200, username = "emilys".

Key Results:

- **Total Throughput:** 185.1 req/sec

- **Avg Response Time:** 225 ms

- **90th Percentile:** 234–321 ms

- **Max:** ~1.1 sec

- **Error Rate:** 63.3% (Login: 55.8%, `/auth/me`: 70.9%)

Observations:

- Successful requests are fast (<350 ms in 95% of cases).

- High error rate likely due to token extraction failures or API rate limits.

- Throughput remained stable despite errors.

Aggregate Graph

Name: Aggregate Report

Comments:

Write results to file / Read from file

Filename: _____ Browse...   Log/Display Only: ☐ Errors ☐ Successes   Configure

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Maximum	Error %	Throughput	Received K...	Sent KB/sec
POST /auth...	8494	219	209	234	250	568	185	1162	50.38%	79.6/sec	116.29	20.14
GET /auth/...	8469	234	212	321	339	461	185	1136	65.29%	80.0/sec	85.55	25.70
TOTAL	16963	227	211	283	327	530	185	1162	57.82%	159.0/sec	201.24	45.67

Settings | Graph

Display Graph   Save Graph   Save Table Data   ☐ Save Table Header

Column settings

Columns to display: ☑ Average ▭ ☐ Median ▭ ☐ 90% Line ▭ ☐ 95% Line ▭ ☐ 99% Line ▭ ☐ Min ▭ ☐ Max ▭   Foreground color

Value font: Sans Serif Size: 10 Style: Normal ☑ Draw outlines bar? ☑ Show number grouping? ☑ Value labels vertical?

☐ Column label selection: _____   Apply filter   ☐ Case sensitive ☑ Regular exp.

Title

Graph title: _____   Synchronize with name

Font: Sans Serif Size: 16 Style: Bold

Graph size

☑ Dynamic graph size Width: ____ Height: ____

X Axis   Y Axis (milli-seconds)

Max length of x-axis label: ____   Scale maximum value: ____

Legend

Placement: Bottom Font: Sans Serif Size: 10 Style: Normal

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename: _____ Browse...   Log/Display Only: ☐ Errors ☐ Successes   Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
POST /auth/lo...	16716	218	185	1162	52.82	55.75%	92.8/sec	125.45	23.46	1385.0
GET /auth/me	16689	232	184	1136	60.91	70.94%	92.9/sec	91.46	28.14	1008.4
TOTAL	33405	225	184	1162	57.44	63.34%	185.1/sec	216.37	51.46	1196.9

Tree (both screenshots):

- DummyJSON-authAPI load test
  - HTTP Request Defaults
  - Login Thread group
    - POST /auth/login
      - Login Headers
      - Assert 200
      - Extract accessToken
    - GET /auth/me
      - Auth Header
      - Assert 200
      - Assert username is emilys
    - Summary Report
    - Aggregate Report
    - View Results Tree (debug)

00:03:00 ⚠ 0 0/50