Performance Test Report - Feb 15, 2026 (#2)

Open in Postman

Postman collection: RDF-star Data Products - Governance & Provenance

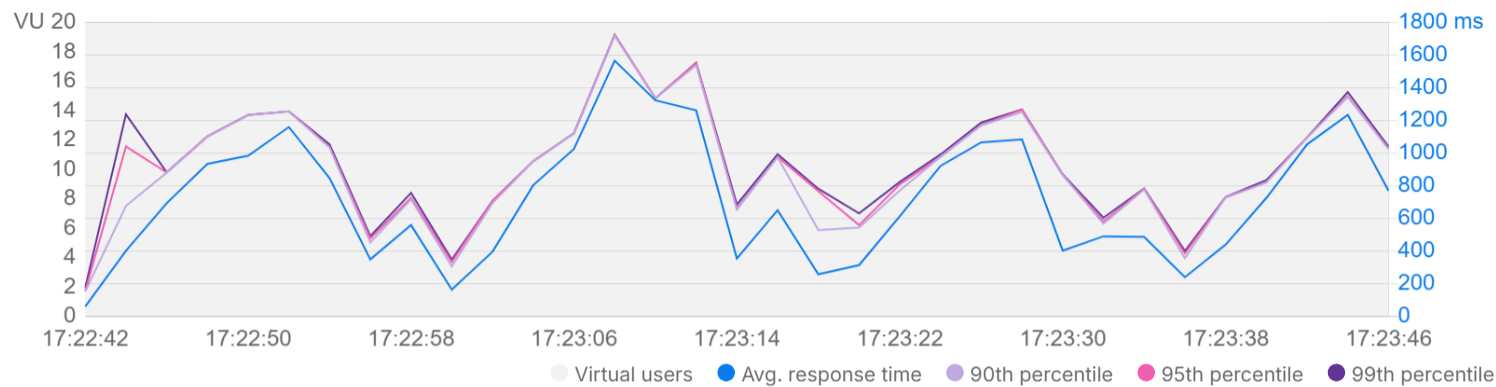Report exported on: Feb 15, 2026, 17:36:24 (PST)

Test setup

Virtual users 20 VU	**Start time** Feb 15, 17:22:35 (PST)	**Load profile** Fixed
Duration 1 minute	**End time** Feb 15, 17:23:47 (PST)	**Environment** Local Windows

1. Summary

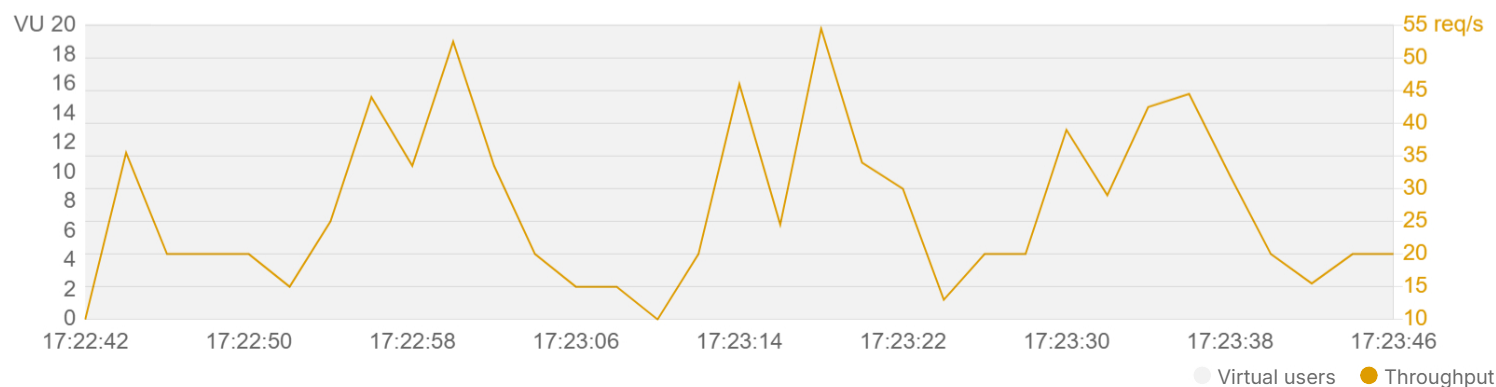| Total requests sent	Throughput	Average response time	Error rate
1,787	24.82 requests/second	596 ms	0.00 %

1.1 Response time

Response time trends during the test duration.

1.2 Throughput

Rate of requests sent per second during the test duration.

1.3 Requests with slowest response times

Top 5 slowest requests based on their average response times.

Request	Resp. time (Avg ms)	90th (ms)	95th (ms)	99th (ms)	Min (ms)	Max (ms)
POST 4.1 Most Recently Updated Datasets {{base_url}}/sparql	990	1,487	1,552	1,588	157	1,588
POST 3.3 Average Confidence by Source System {{base_url}}/sparql	954	1,336	1,457	1,718	70	1,718
POST 4.2 Datasets Updated in Time Range {{base_url}}/sparql	877	1,333	1,394	1,718	89	1,718
POST 3.2 Governance Rules Applied {{base_url}}/sparql	860	1,330	1,446	1,723	56	1,723
POST 3.1 Find Low Confidence Data {{base_url}}/sparql	837	1,228	1,717	1,724	79	1,724

2. Metrics for each request

The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
POST 1.1 Count All Datasets {{base_url}}/sparql	80	1.11	3	345	677	1,238	0
POST 1.2 List First 10 Datasets {{base_url}}/sparql	80	1.11	2	359	690	855	0
POST 1.3 Count All Activities {{base_url}}/sparql	80	1.11	3	399	708	869	0
POST 2.1 Find High-Confidence Theme Assignments {{base_url}}/sparql	80	1.11	70	535	836	1,044	0

POST 2.2 Track Data by Source System {{base_url}}/sparql	80	1.11	62	578	950	1,337	0
POST 2.3 Complete Provenance Chain for Dataset {{base_url}}/sparql	80	1.11	3	619	1,044	1,148	0
POST 3.1 Find Low Confidence Data {{base_url}}/sparql	80	1.11	79	837	1,228	1,724	0
POST 3.2 Governance Rules Applied {{base_url}}/sparql	80	1.11	56	860	1,330	1,723	0
POST 3.3 Average Confidence by Source System {{base_url}}/sparql	79	1.10	70	954	1,336	1,718	0
POST 4.1 Most Recently Updated Datasets {{base_url}}/sparql	79	1.10	157	990	1,487	1,588	0
POST 4.2 Datasets Updated in Time Range {{base_url}}/sparql	77	1.07	89	877	1,333	1,718	0
POST 4.3 Data Freshness by Theme {{base_url}}/sparql	76	1.06	90	780	1,330	1,539	0
POST 5.1 List All Classes in Ontology {{base_url}}/sparql	71	0.99	3	623	1,107	1,394	0
POST 5.2 List All Object Properties {{base_url}}/sparql	68	0.94	5	591	1,121	1,521	0
POST 5.3 Find All Data Catalog Systems (Named Individuals) {{base_url}}/sparql	66	0.92	3	510	1,014	1,593	0
POST 5.4 Verify Instance-Ontology Alignment {{base_url}}/sparql	64	0.89	3	525	1,055	1,590	0
POST 6.1 Trusted Data from Specific System {{base_url}}/sparql	64	0.89	16	547	1,023	1,379	0
POST 6.2 Cross-System Comparison {{base_url}}/sparql	64	0.89	103	663	1,214	1,379	0

POST 6.3 Quality Trend Analysis	64	0.89	166	625	1,088	1,329	0
{{base_url}}/sparql							
POST 6.4 Complete Governance Report for Theme	64	0.89	165	597	1,030	1,367	0
{{base_url}}/sparql							
POST 7.1 RDF-star Direct Query (Simple)	64	0.89	4	514	976	1,344	0
{{base_url}}/sparql							
POST 7.2 Count Reified Statements	63	0.87	22	441	919	1,396	0
{{base_url}}/sparql							
GET 8.1 Health Check	62	0.86	4	362	804	1,281	0
{{base_url}}/health							
GET 8.2 Store Statistics	62	0.86	3	262	617	733	0
{{base_url}}/stats							
GET 8.3 Home Page (HTML)	60	0.83	3	254	456	711	0
{{base_url}}/							

3. Errors

This run has no errors

All requests were sent successfully and returned a 2xx response code.

Testing API performance on Postman

Postman enables you to simulate user traffic and observe how your API behaves under load. It also helps you identify any issues or bottlenecks that affect performance.

Learn more about testing API performance.