



Connect

From project to community-driven ecosystem—building sustainable governance together

Francisco Losada de la Rosa | Search Specialist Solutions Architect, AWS



Red Hat





Red Hat



FOUNDATION'S MEMBERS



OpenSearch

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[Platform](#) ▾

[Community](#) ▾

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Premier Members



General Members





Red Hat + OpenSearch

Obiettivo integrazione

meno silos • MTTR↓ • sovranità dati

Ingest

- OpenShift Logging → OpenSearch
- OpenTelemetry Collector → OpenSearch

Tracing & Streaming

- Jaeger → OpenSearch
- AMQ Streams (Kafka) → OpenSearch Sink

Accesso & Automazione

- Keycloak (SSO) ↔ Dashboards
- Ansible / Event-Driven ⇌ OpenSearch

Blueprint (minimal)



App/Infra
(OpenShift)

Collector
(Vector / OTel)

Jaeger
(tracing)

AMQ Streams
(Kafka Sink)

Keycloak
(SSO OIDC)

Ansible

OpenSearch
(store + query)

OpenSearch Dashboards

OpenSearch

From code to community



Francisco Losada de la Rosa

Search Specialist Solutions Architect, AWS



OpenSearch Platform

OpenSearch Core



Build with our versatile search and analytics engine

OpenSearch Data Prepper



Ingest and enrich your data through custom pipelines

OpenSearch Dashboards

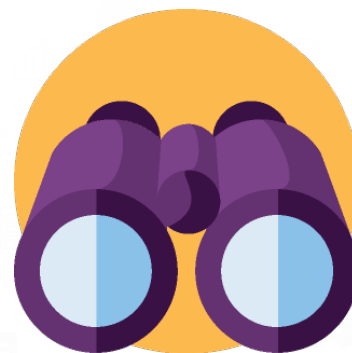


Visualize your data for real-time insight

How do people use OpenSearch?



Search



Observability



AI/ML Applications



Security Analytics



OPEN GOVERNANCE



OPEN COLLABORATION



ACCELERATING INNOVATION



OPEN GOVERNANCE

Governing board



Carl Meadows
Chair
AWS



Ed Anuff
DataStax



Andrew Ross
TSC Representative
AWS



Verena Lommatzsch
SAP



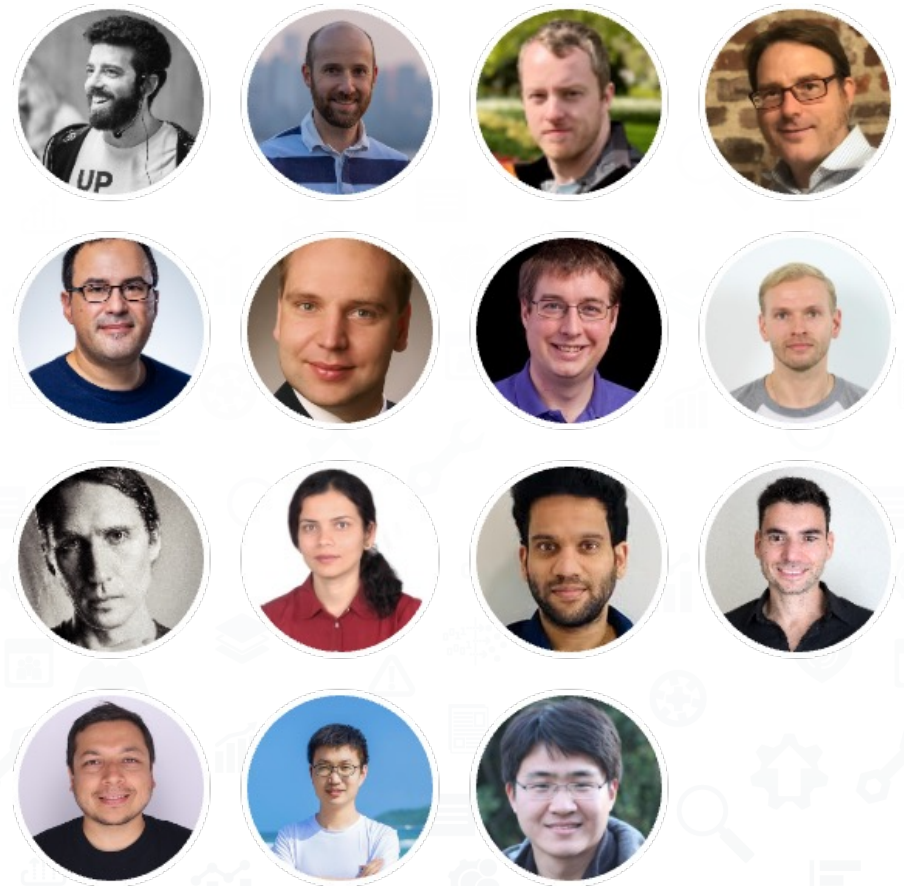
Mehul Shah
Aryn



Shanshan Song
Uber Technologies

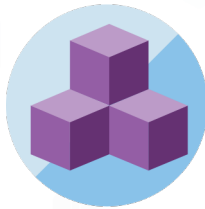
OPEN GOVERNANCE

Technical steering committee



OPEN GOVERNANCE

Technical advisory groups



Build TAG



Observability TAG

OPEN COLLABORATION

Since joining the Linux Foundation in Sept. 2024

Transition to Linux Foundation tech stack

More than 8,800 contributions

More than 3,300 contributors

More than 400 organizations

Top 20 among LF projects by contributor activity



OPEN COLLABORATION



OPEN COLLABORATION



Tips for getting started

- Find a “good first issue”
- No problem is too small to fix
- Open a PR
- Join the conversation on Slack

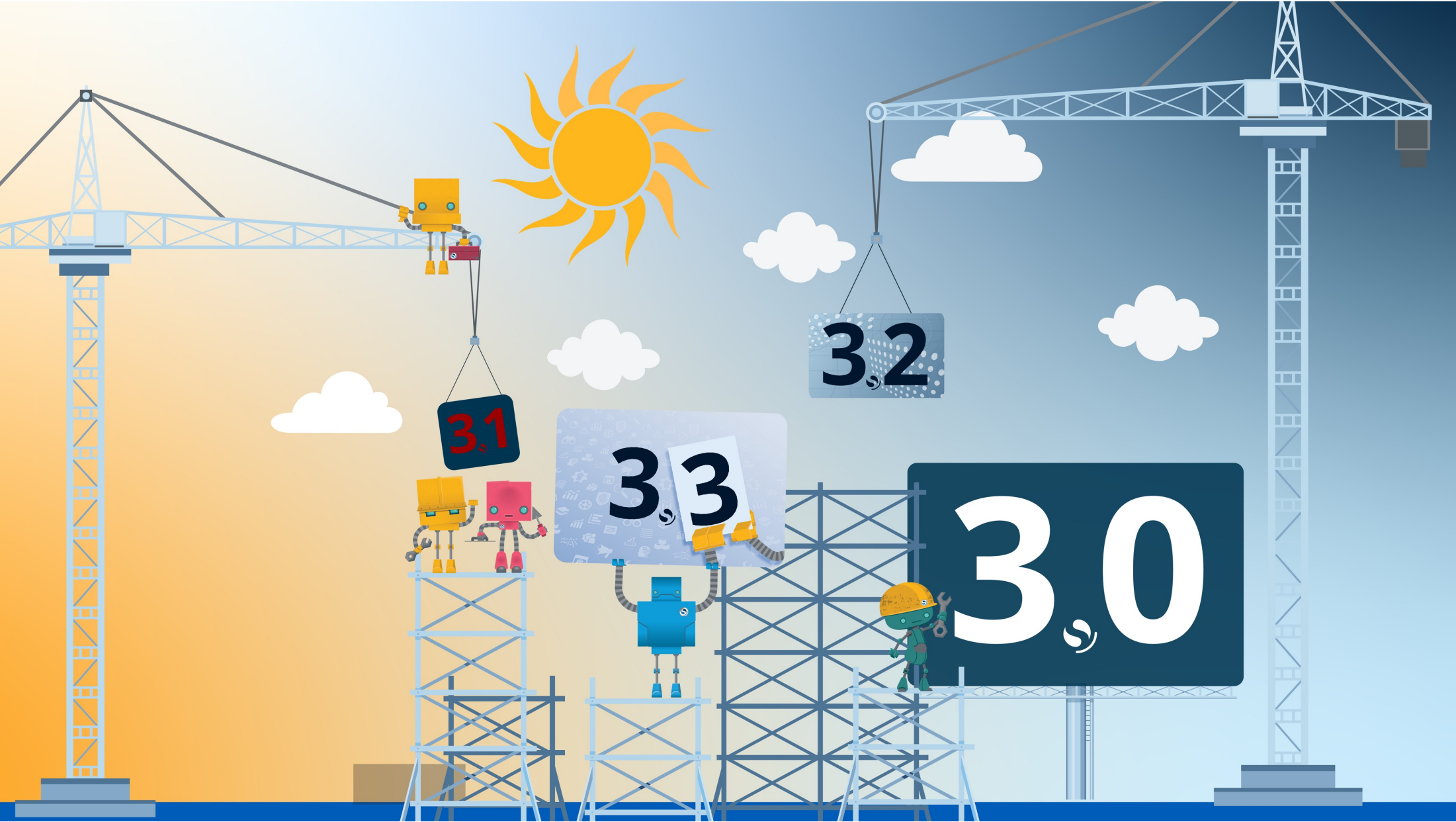
good first issue

🕒 [FEATURE] Platform page suggestion #2533

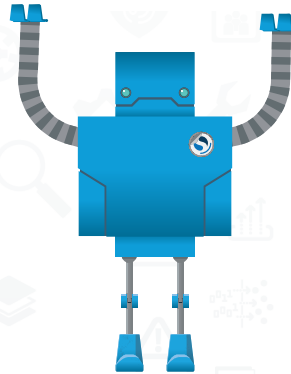
New pull request



Message #general



OPENSEARCH 3.3 RELEASE BLOG



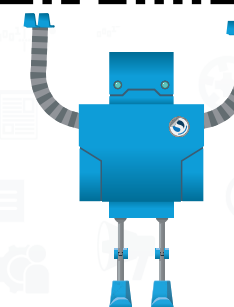
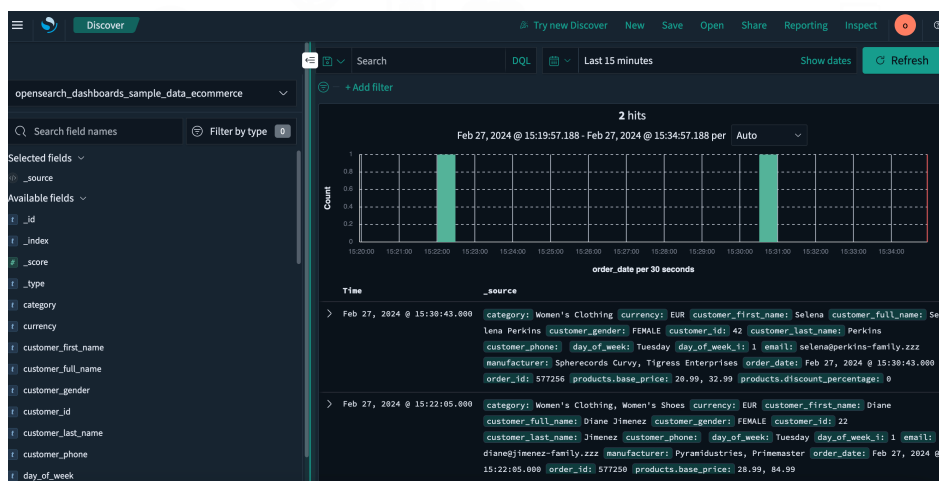
OPENSEARCH 3.3

OBSERVABILITY

FEATURES

OpenSearch 3.3
Release Blog

New Discover experience



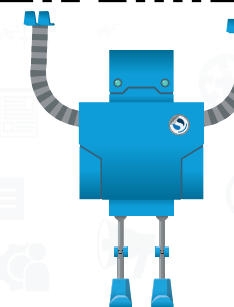
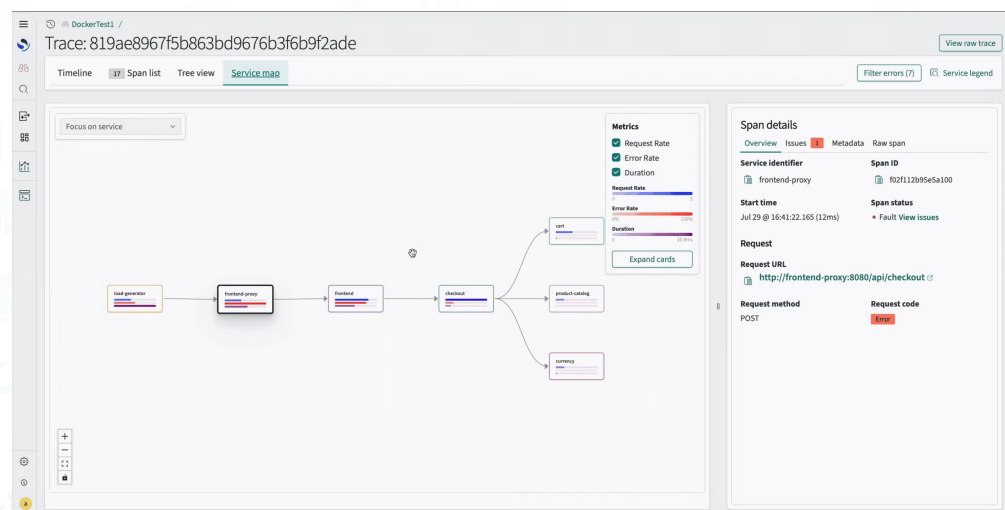
OPENSEARCH 3.3

OBSERVABILITY

FEATURES

OpenSearch 3.3
Release Blog

Interactive node-based visualizations with React Flow

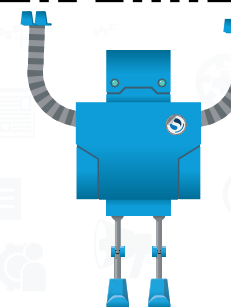


OPENSEARCH 3.3

OBSERVABILITY FEATURES

OpenSearch 3.3
Release Blog

Powerful new PPL functions with Apache Calcite



OPENSEARCH 3.3

VECTOR SEARCH AND AI FEATURES

OpenSearch 3.3
Release Blog

Introducing agentic search

Configure agent EXPERIMENTAL ⓘ

❖ Agent ⓘ [Documentation](#) [Form](#) [JSON](#) [+ Create new agent](#)

my-agentic-search-agent

Name Type

my-agentic-search-agent Flow

Description

Demo agent for agentic search.

Tools

✓ Query Planning Enable

Generates an OpenSearch query domain-specific language (DSL) query from a natural language question

Query planning model [Learn more](#)

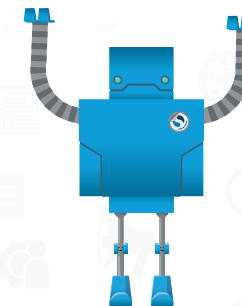
OpenAI GPT-5

Generation type

☒ LLM-Generated [Learn more](#)

☐ Search Templates

> Advanced settings

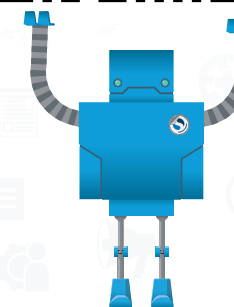


OPENSEARCH 3.3

VECTOR SEARCH AND AI FEATURES

OpenSearch 3.3
Release Blog

Persistent agentic memory

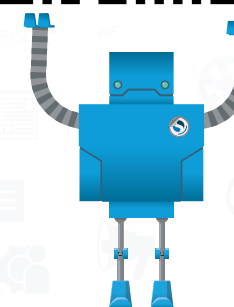
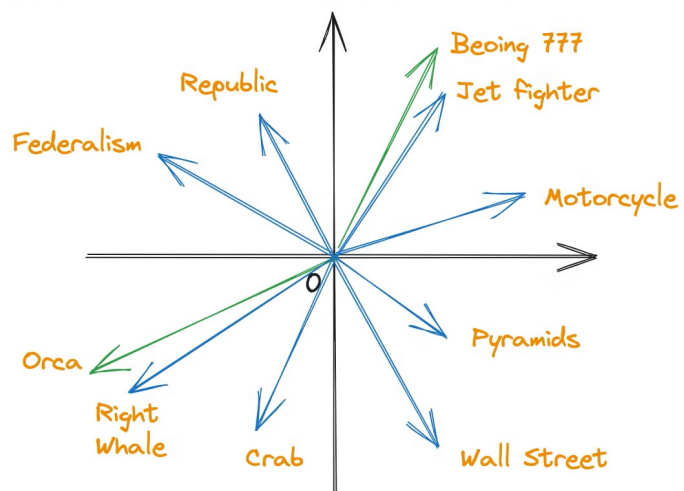


OPENSEARCH 3.3

VECTOR SEARCH AND AI FEATURES

OpenSearch 3.3
Release Blog

Accelerate neural sparse search up to 100x



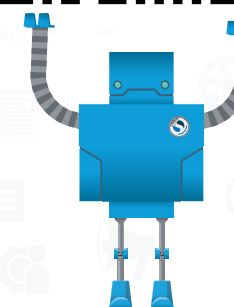
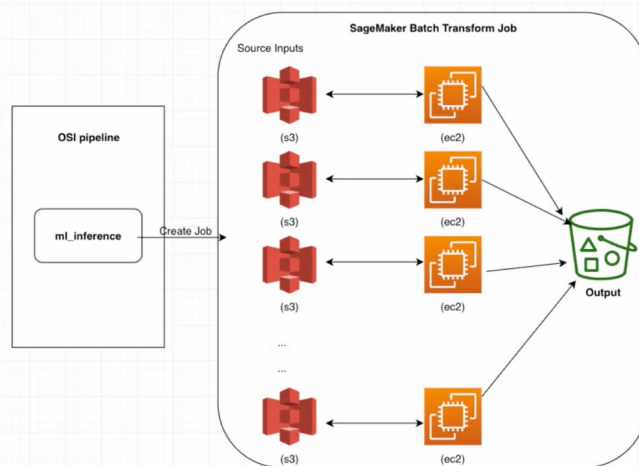
OPENSEARCH 3.3

VECTOR SEARCH AND AI FEATURES

OpenSearch 3.3
Release Blog

Improve semantic highlighting performance with batch inference

support

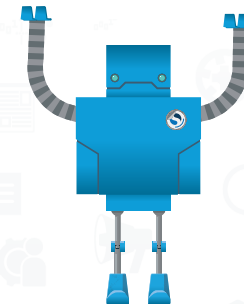


OPENSEARCH 3.3

FURTHER IMPROVEMENTS

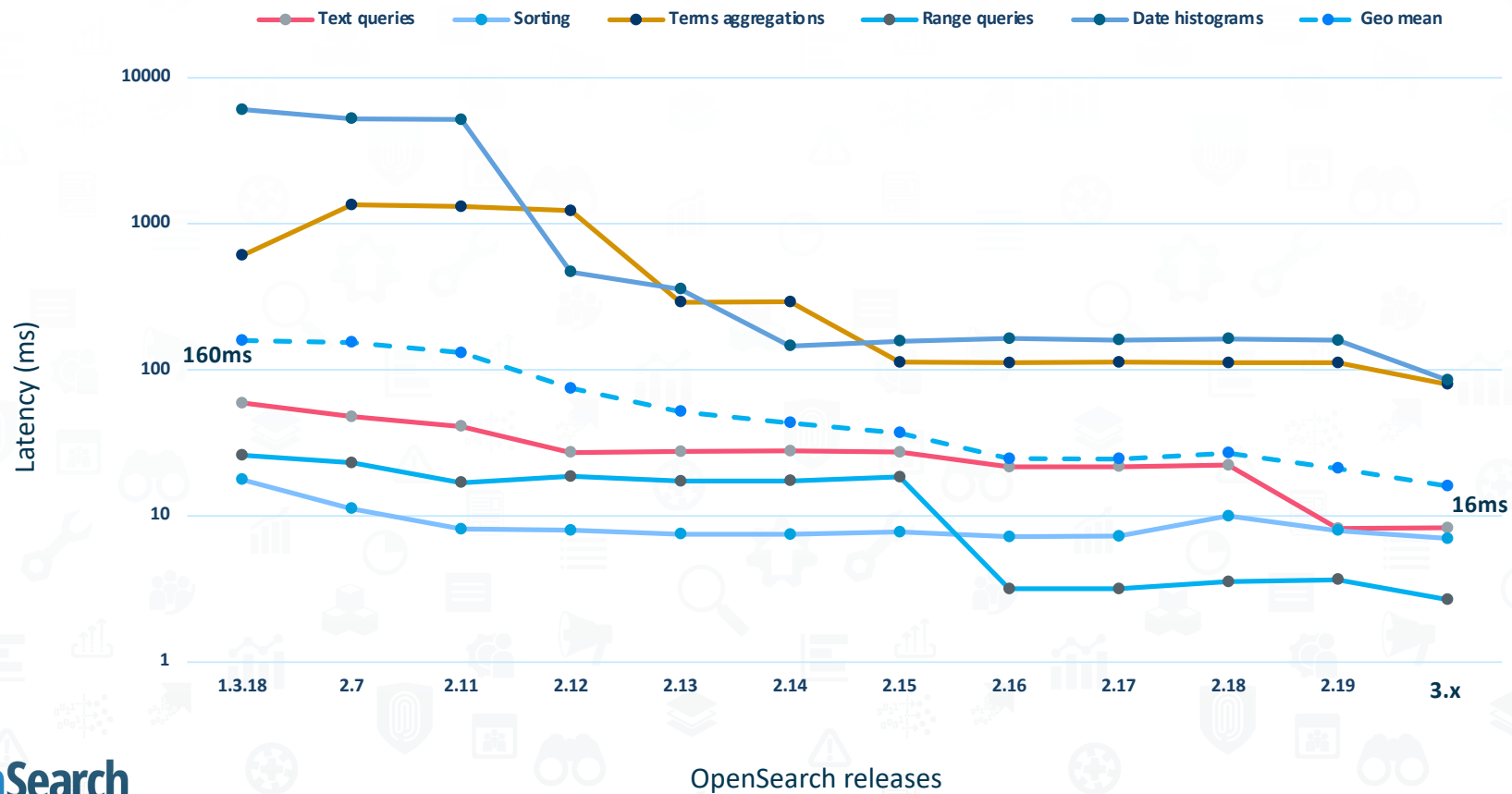
- Expanded gRPC support
- Maximal Marginal Relevance
- Live query support

OpenSearch 3.3
Release Blog



PERFORMANCE IMPROVEMENTS OVER TIME

"Big 5" areas – Latency (Log10 logarithmic scale)



Thank you



User Groups



Forum



Events



Blog



GitHub



Slack

