

RYFT CLOUD

Achieve smarter insights faster with push-button ease of use on cloud-based data analytics platforms

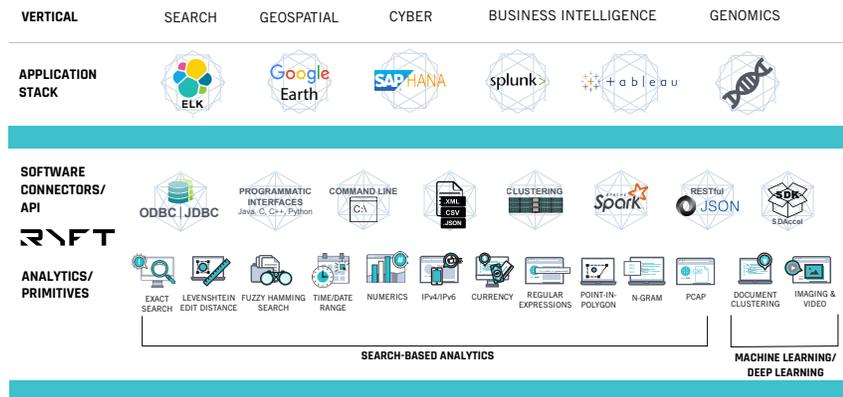
ANALYTICS: SIMPLY SMARTER. SIMPLY ACCELERATED.

Ryft Cloud delivers the unprecedented ability to achieve smarter, faster data analytics in the cloud by leveraging the massive performance benefits of heterogeneous compute-accelerated architectures—all with push-button ease of use. Boosting performance by 91X compared to traditional CPU-based cloud analytics, Ryft Cloud on the Amazon EC2 F1 and I3 instances powers the next generation of tools that organizations need to analyze and understand their data immediately, with no delay and no boundaries defined by analytics platform limitations.

Finally, users of cloud-based data and analytics applications can fully leverage simple, flexible and fast analytics—without the steep learning curve—with Ryft’s high-performance and easy-to-use analytics algorithms and application connectors. Ryft’s proven history of delivering supercharged yet easy-to-use FPGA- and CPU-based heterogeneous compute accelerators makes Ryft Cloud a natural fit to enable tremendous value from newly emerging accelerated cloud offerings.

RYFT POWERS COMPLEX ANALYTICS APPLICATIONS TO SPEED BUSINESS INSIGHTS

While many new analytics platforms may be what you need right now, they are not architected to seamlessly grow with future analytics innovations. Ryft’s extensive and growing library of connectors and APIs not only enables users to quickly get results with zero learning curve, it also provides assurances that the Ryft platform will work seamlessly with many future business intelligence and data visualization tools as well.



RYFT EXTENDS AND EXPANDS CLOUD-BASED ANALYTICS PERFORMANCE AND FUNCTIONALITY

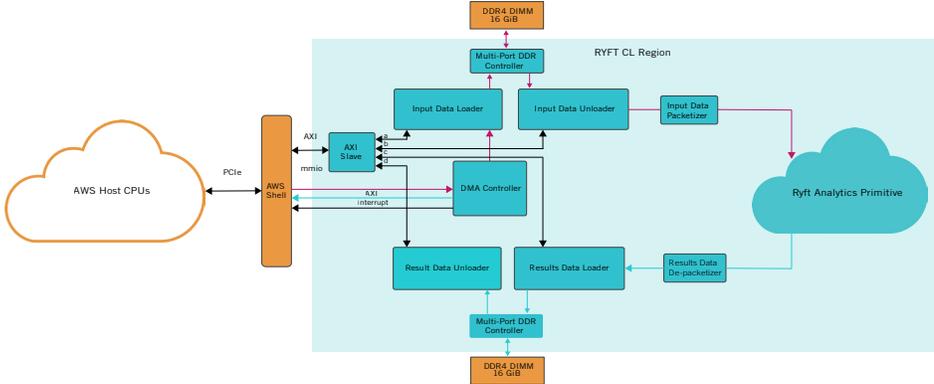
Ryft Cloud is currently available to Amazon Web Service customers through the AWS Marketplace. Depending on the analytics need, customers can choose between Amazon Machine Images (AMIs) on both the F1 and I3 instances, including:

Toolkit Powered by Ryft’s Heterogeneous Computing: Ryft’s developer toolkit enables users to instantly integrate smarter, more sophisticated search and analysis capabilities into existing data analytics interfaces and/or applications. Toolkit Powered by Ryft increases the speed and quality of analytics insights by:

- **Seamlessly integrating with your current analytics environment** via a series of APIs and connectors—including programmatic interfaces, command line, RESTful JSON, ODBC/JDBC and more—to access the powerful heterogeneous compute-enabled data analysis functions needed for faster insights and smarter business decisions.
- **Getting more accurate and actionable insight** with significantly enhanced fuzzy Hamming and Levenshtein (Edit Distance) search as well as PCRE2 Regular Expression capabilities on both structured and unstructured data.
- **Turning big data into small data** by analyzing and thinning data in near real time with no data indexing, transformation or curation requirement.

Elasticsearch Powered by Ryft's Heterogeneous Computing: Ryft's Elasticsearch takes the widely used Lucene-based search engine and supercharges performance with expanded Regular Expression and fuzzy search capabilities. Elasticsearch Powered by Ryft enables users to gain immediate insights on both pre- and post-indexed data by:

- **Enhancing Regular Expression capabilities** with full PCRE2 searching in near real time.
- **Increasing the power of edit distance** with user selectable changes to large (>2) distance requests for Fuzzy Hamming and Levenshtein searches.
- **Speeding search and analysis** across unstructured data and JSON, XML, LOGs, CSV, TSV and other files with no data transformation requirements.
- **Augmenting wildcard searches** to include leading wildcard characters.

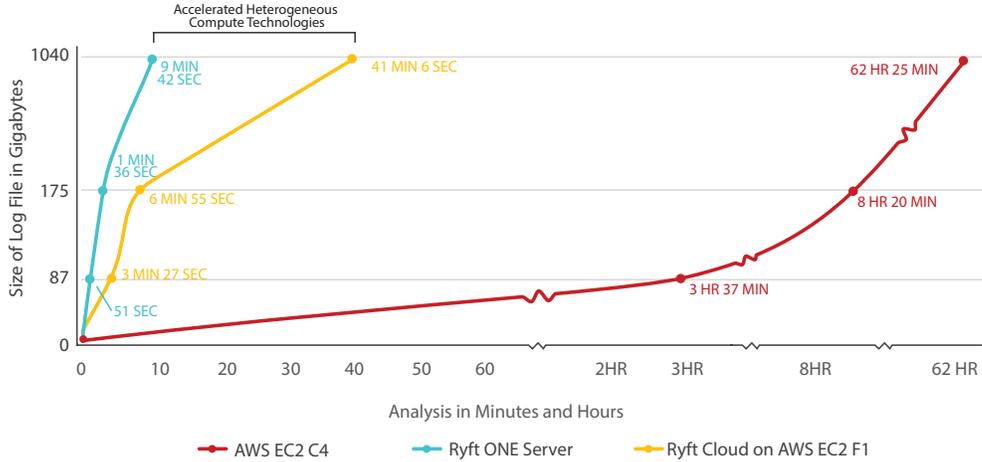


Ryft seamlessly integrates using Amazon F1 instance deployment.

BENCHMARKS: RYFT OUTPERFORMS HIGH PERFORMANCE CPU-BASED CLOUD INSTANCES BY 91X

Currently available on the AWS F1 and I3 instances, Ryft Cloud gives organizations the unprecedented ability to quickly and easily extract critical insights from all their data.

Ryft on AWS consistently performed in a fraction of the time it took to run the same query on a single AWS C4.8xlarge instance type.



Benchmark comparisons of a search via Elasticsearch on AWS EC2 C4 instance vs. Ryft ONE server vs. Ryft Cloud on Amazon EC2 F1 Instance.

DEPLOY IN MINUTES. RESULTS IN SECONDS.

Getting started with Ryft is easy. Simply go to the AWS Marketplace and search for "Ryft" to view and launch the AWS F1 or I3 instances with Ryft to accelerate and enhance your data analytics.

ABOUT RYFT

Connect with your data and speed critical decisions with Ryft. Whether it's the latest innovations in machine learning or in real-time search and analysis, Ryft brings together comprehensive, fast analytics requiring no indexing, flexible deployment models and proven ease-of-use to help you understand and act on your data immediately for favorable business outcomes. Today, industry leaders rely on Ryft to deliver fast and actionable insights from all their data.

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