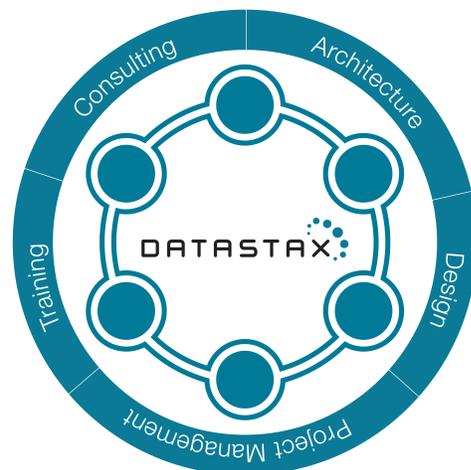


DataStax Sprint Advisory Service Package

Today's software development projects move fast. Teams are always looking for the best way to implement each feature but the pressure of deadlines can often produce a suboptimal solution that "works well enough." DataStax Enterprise brings a wealth of functionality designed to accelerate development efforts but if your team doesn't know about a feature or how to use it correctly, they could waste a lot of time "reinventing the wheel" or building a feature which will fail to meet expectations in production.

The Sprint Advisory service provides a DataStax consultant to work with your team, within your environment to ensure the successful implementation of a DSE Core project. Designed for new development projects using agile, scrum or lean project management over a three-month term.



Approach

A DataStax consultant works with your development team during each sprint cycle to provide guidance and best-practices recommendations which accelerate development and remove blockers. Through the Sprint Advisory Service Package, DataStax assists you with the following core services activities:

- Architecture review & recommendations
- Performance & load testing
- Performance tuning
- Capacity planning
- Application design review & recommendations
- Proactive identification and mitigation of project risk areas

About DataStax

It starts with a human desire, and when a universe of technology, devices and data aligns, it ends in a moment of fulfillment and insight. Billions of these moments occur each second around the globe. They are moments that can define an era, launch an innovation, and forever alter for the better how we relate to our environment. DataStax is the power behind the moment. Built on the unique architecture of Apache Cassandra™, DataStax Enterprise is the always-on data platform and has been battle-tested for the world's most innovative, global applications.

With more than 500 customers in over 50 countries, DataStax provide data management to the world's most innovative companies, such as Netflix, Safeway, ING, Adobe, Intuit, Target and eBay. Based in Santa Clara, Calif., DataStax is backed by industry-leading investors including Comcast Ventures, Crosslink Capital, Lightspeed Venture Partners, Kleiner Perkins Caufield & Byers, Meritech Capital, Premji Invest and Scale Venture Partners. For more information, visit DataStax.com/customers or follow us on @DataStax.

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Benefits

The Sprint Advisory Service provides you with best practices honed over hundreds of similar customer engagements. Development teams using an Agile process will benefit from the expertise of a consultant throughout the implementation phase of the project.

Architectural Design Evolution

With our consultant engaged during your sprint cycles, we work with the team on a consistent basis, each sprint, as the design evolves and is extended. Typical tasks include architecture design changes supporting new features, data modeling, testing, refactoring, ETL and process automation.

Performance Test Driven Design

Development teams have embraced Test Driven Development (TDD) concepts as a best practice. With performance test driven design, we establish performance testing early in the development cycle. During sprints, designs are evaluated for their ability to meet target SLAs. Design alternatives can be compared with an objective, data-based approach. This provides 'fail-fast' feedback to the team and can avoid re-work later in the delivery phase.

The DataStax consultant will measure baseline cluster performance with `cassandra-stress`. Next, we'll design and build a performance testing framework with open-source tools such as `JMeter` and `Gatling`. In addition, performance testing can be incorporated into a continuous integration (CI) and delivery framework.

SA-Led Workshops

During the engagement, our consultant can provide informal workshops to reinforce and augment the learning materials available from DataStax Academy. These 60-90 minute workshops are designed to be interactive with Q&A and can be incorporated into working design sessions. Potential workshop topics include:

- DSE Security
- Troubleshooting Tips
- Indexing Techniques
- Upgrade Testing
- Performance Testing
- Cassandra Anti-Patterns
- Data Modeling
- Configuration File Review

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The DataStax consultant will leverage a deep understanding of your use case and overall architecture to best tailor the application implementation and solution architecture. The consultant will proactively recommend tuning/updates to optimize the platform performance and stability

Terms

See the [DataStax Services Terms](https://www.datastax.com/service-terms) (<https://www.datastax.com/service-terms>) for details and terms of Services delivery.

- This is a pre-paid Services offering.
- This package includes up to 12 services days delivered over a 90-day period.
- Services are delivered as 2 consecutive-day engagements scheduled on a weekly or bi-weekly basis established during on boarding.
- Included services days will expire if not delivered within six months after receipt of a valid customer order.
- Travel and Expenses are included in the cost of the package.
- A “day” is defined as an eight-hour day; partial days will constitute an eight-hour day of delivery for this purpose.

For more information, please contact your account executive or send an email to servicesrequests@datastax.com

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