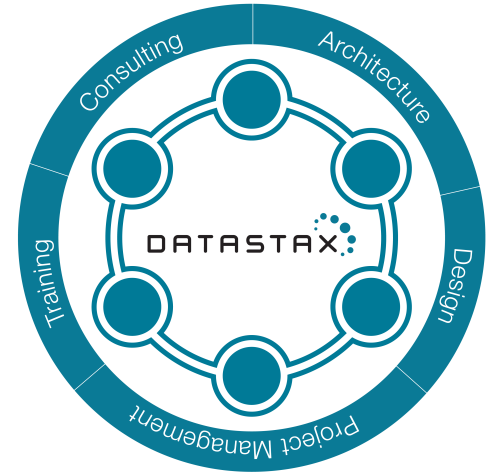# DataStax Architecture Review Service Package

A well-designed architecture lays the foundation for successfully operating your application in production. Appropriate architecutre also shapes many decisions regarding your application design, testing, DevOps automation and even your data model.

The DataStax Architecture Review Service Package is designed to reduce the risk of missing your SLAs in production and prevent costly rework.

Our consulting team will survey your existing architecture or architectural plans and provide a written analysis with endorsements and/or recommendations for each major component. As you and your team build new innovations, you'll have confidence that the supporting architecture is ready for scale.

Approach

The DataStax Professional Services Team works closely with you and your team throughout the engagement. We provide expertise in key aspects of architecture design and assist with the following core services activities:

- Hardware design survey and analysis
- Network design survey and analysis
- Security design survey and analysis
- Data model review

At the conclusion of this engagement, we will deliver an assessment and recommendations document.

Benefits

The DataStax Professional Services Team will share best practices honed over hundreds of similar customer engagements. This package is designed to increase your time to market and stability with a production application on the DataStax software platform. The DataStax Architecture Review Services Package provides the following benefits:

- Qualify hardware against performance needs – during hardware design review, the DataStax consultant works with you to review and develop recommendations regarding the hardware design based upon anticipated performance needs.

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

- Reduce potential latency issues – during network design review, the DataStax consultant reviews the proposed network design to provide recommendations to decrease potential latency or other network performance concerns.

- Confirm Security Configuration – During Security Design Review, the DataStax consultant reviews the security requirements of the application and provides recommendations that correspond to security configuration changes in the DataStax platform.

- Ensure the Data Model Meets the system's Needs – the DataStax consultant will assist in the design of the data model or review any proposed model. The data model will be designed to support the application and any required SLAs.

Terms

See the DataStax Services 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 four consecutive business days of consulting followed by one day of documentation activities.
- 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.

Optional

Customers are eligible to receive discounted pricing on any 2-day training course purchased in conjunction with this package. Ask for details from your services representative.

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