

Apache Cassandra Accelerator Packages



at a glance

- Apache Cassandra Architecture Review Accelerator Package
- Apache Cassandra Standard Accelerator Package
- Apache Cassandra Max Accelerator Package
- Apache Cassandra Production Readiness Package
- Apache Cassandra Project Package

technology

- Apache Cassandra

about kpi

- 4+ years experience with DataStax/Cassandra
- DataStax/Cassandra strategic partner
- Cassandra, DSE, Spark, Solr, Java, Scala, Chef expertise
- 200+ enterprise customers
- Onshore and offshore consulting
- Expertise with other relational and big data technologies

Organizations can benefit from rapid deployment, easier management, and the ability to scale as business demands.

KPI Partners

Whether you need assistance to initiate a Cassandra journey or you need DevOps support to manage your application, you can rely on KPI Partners' to provide expert consulting to manage your Cassandra cluster and to build applications.

KPI Partners Accelerator Packages Overview

KPI provides a number of packages to help customers regardless of where they are in their Apache Cassandra journey and collaborates with customers throughout the engagement, assisting in key areas of a successful application deployment on the Apache Cassandra platform.

KPI Partners Accelerator Packages Benefits

KPI will share knowledge and best practices gained over similar engagements with our customers. This package is designed to improve your speed and stability and deliver continuous availability for business-critical applications.

Summary and Comparison of KPI Partners Accelerator Packages

Package Type	Apache Cassandra Architecture Review Accelerator Package	Apache Cassandra Standard Accelerator Package	Apache Cassandra Max Accelerator Package	Apache Cassandra Production Readiness Package	Apache Cassandra Project Package
Duration	5 days	10 days	15 days	10 days	43 days
Hardware Design Review	✓				
Network Design Review	✓				
Security Design Review	✓				
Application Design Review	✓				
Development Environment Setup		✓	✓		
Architecture Design Review		✓	✓		✓
Cassandra Core Concepts Training		✓	✓		✓
Cassandra Spark or Cassandra Search Training			✓		
At-Scale Performance Testing				✓	
Disaster Mitigation Testing				✓	
Load and Overhead Testing				✓	
Application Code Review					✓
Production Readiness Testing					✓
Production Handover					✓

Apache Cassandra Architecture Review Accelerator Package

- **Hardware Design Review** – KPI will work with customers to provide recommendations about the hardware design based on estimated performance requirements.
- **Network Design Review** – KPI will analyze the proposed network design to provide recommendations to reduce potential latency or any network performance concerns.
- **Security Design Review** – KPI will analyze the security requirements of the application and provide recommendations based on the changes in the security configuration.
- **Application Code Review** – KPI will analyze the proposed application code and provide recommendations to match the required stability and performance needs of the entire system.

project experience

- Product catalog and playlist
- Fraud detection
- Personalization and recommendation engine
- Loyalty program
- Application migration from other databases to Cassandra
- Spark and analytics integration
- Tableau and other BI tools on Cassandra/DataStax

Apache Cassandra Standard Accelerator Package

- **Development Environment Setup** – KPI will help set up a development environment that aligns with how the Cassandra technology connects with the supported application.
- **Architecture Design Review** – KPI will review the proposed application architecture based on the customer's estimated load volumes and necessary service level agreements.
- **Cassandra Core Concepts Training** – KPI will provide customers with a solid baseline of technical expertise.

Apache Cassandra Max Accelerator Package

- **Development Environment Setup** – KPI will help set up a development environment that aligns with how the Cassandra technology connects with the supported application.
- **Architecture Design Review** – KPI will review the proposed application architecture based on the customer's estimated load volumes and necessary service level agreements.
- **Cassandra Core Concepts Training** – KPI will provide customers with a solid baseline of technical expertise.
- **Cassandra Spark or Cassandra Search Training** – KPI will conduct a training session for customers on either the Cassandra Spark or Cassandra Search feature.

Apache Cassandra Production Readiness Package

- **At-Scale Performance Testing** – KPI will help in evaluating performance under estimated at-scale loads to monitor the system's capability to sustain increased performance levels.
- **Disaster Mitigation Testing** – KPI will analyze a customer's disaster mitigation plan with them based upon the outcomes of At-Scale Performance Testing.
- **Load and Overhead Testing** – KPI will provide recommendations about performance triggers to look for that may require adding additional nodes and/or clusters.

Apache Cassandra Project Package

- **Cassandra Core Concepts Training** – KPI will provide customers with a solid baseline of technical expertise.
- **Architecture Design Review** – KPI will work with customers to analyze the proposed application architecture based on estimated load volumes and required service level agreements.
- **Application Code Review** – KPI will review a customer's proposed application code to provide recommendations to meet required performance and/or stability needs of the entire system.
- **Production Readiness Testing** – KPI will assist with At-Scale Performance Testing, Disaster Mitigation Testing and Load and Overhead Testing.
- **Production Handover** – KPI will assist in educating and assisting the customer operations team for handing over the Customer Production system to Operations.

Contact KPI Partners

For more information, please contact KPI Partners via phone, web or email.