instaclustr

Kafka Health Check

This package provides an independent review of your operational Apache Kafka® deployment. The review will identify issues such as suboptimal topic configuration, improper log management, security vulnerabilities, and network infrastructure problems.

The **Kafka Health Check Package** has been designed to help customers who already have deployed and have operational applications and are looking for assurance that the solution is scalable and is free from any potential issues. The package is mostly used by our customers who are in the Operate stage.

Inclusions

The Kafka Health Check Consulting Package typically takes 1 to 2 weeks and consists of the following steps:

- **Questionnaire:** After you fill out our questionnaire and return it, our experts analyze the information provided and compare it against best practices over many similar use cases.

- **Meeting:** Once you fill out the questionnaire and return it to us. We schedule an online meeting to review your answers and clarify information where required.

- **Hardware and Configuration Review:** Our first priority is looking at your hardware and basic Kafka architecture. We can determine if your deployment is properly sized and configured for your use case. This includes a thorough review of all Kafka configuration parameters.

- **Topic Scalability and Performance Audit:** The next priority will be going over your topic setup for whichever Kafka APIs are being used. The focus here is on throughput, parallelization, log configuration, and resource usage. We will also review your Kafka client and driver settings.

- **Security and Network Infrastructure Audit:** Thirdly we take deep look at your network layer with a focus on security and stability. We will identify improvements regarding monitoring, redundancy, and access control based on your system requirements.

(continued)

- **Reports:** Our experts review the provided information and ask any necessary clarifications via email or online meetings and provide a detailed, written report of the review outcomes.

- **Q&A:** Post the availability of the report, we schedule a final online meeting to review the report and ensure you understand any recommendations or issues highlighted.

Key Outcomes

Instaclustr Kafka Health Check Package works towards identifying risks and issues along with the opportunities available for improvement. Once implemented, the package would provide:

✓ Increased surety that your cluster will cope with future demand.

✓ Opportunities for improved performance and reliability.

✓ Potential reductions in infrastructure spend.

✓ Increased understanding of Apache Kafka® and potential pitfalls.

Cost

To find out the cost of this package, contact our **sales team.**

About Instaclustr

Instaclustr delivers reliability at scale through our integrated data platform of open source technologies such as Apache Cassandra®, Apache Kafka®, Apache Spark™ and Elasticsearch.

Our expertize stems from delivering more than 25+ million node hours under management, allowing us to run the world's most powerful data technologies effortlessly.

We provide a range of managed, consulting and support services to help our customers develop and deploy solutions around open source technologies. Our integrated data platform, built on open source technologies, powers mission critical, highly available applications for our customers and help them achieve scalability, reliability and performance for their applications.