sogetel

Security Kafka Pack

We are experts in technologies related to Apache Cassandra, Apache Spark and Apache Kafka distributed systems. With years of experience in the Open Source world, we can guarantee professionality and reliability, thanks to a team of highly qualified experts.

> **Security Kafka Pack guarantees the complete Apache Kafka cluster security. The entire data flow passing through the system, both in the storage phase and in the receiving-processing one, is completely protected by an encryption system, thus avoiding episodes of fraud or data theft.**

Our goal is to provide your application with maximum security, thanks to the advice of our experts who will guide you in design and implementation process.
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Security Kafka Pack includes the following steps:

- **Questionnaire**: the experts will provide you with a questionnaire to assess your specific project needs.
- **Meeting**: we will meet online, or in person, in order to discuss your answers and clarify the questionnaire information, where needed.
- **Security design**: we will provide you with a tailor-made plan for the complete Kafka cluster security.
- **Security design validation**: the team of experts will share with you the securing project to clarify the main points and the implementation phases.
- **Implementation:** during this phase, we will implement in your Kafka cluster an authentication-authorization system (Kerberos) and a data encryption (SSL encryption).
- **Security test**: verification tests will be carried out to assess the implemented security levels.
- **Report**: we will share with you the security report about your Apache Kafka cluster, showing the initial and post-implementation status to evaluate the benefits obtained.

- **Presentation**: after sharing and discussing the report, we will arrange a final meeting online, or in person, with our experts to review the implementation results.

This package is generally implemented in about 2-3 weeks. The period may vary depending on the customer and the use case.

Results

- ✓ Apache Kafka Cluster security design.
- ✓ Security package implementation (authentication, authorization and data encryption).

Costs

To know the costs of this package please contact our Sales Team.