

StreamSets Health Check / Production Readiness Assessment

Overview

Ensure success with your StreamSets Deployment by engaging our Advisory Architects to validate the implementation and operations of your Data Platform with StreamSets. The objective of the Health Check Program is to help clients be as successful as possible with their existing StreamSets deployments. This includes a review of the StreamSets deployment architecture, application, and operational practices. Our consultants (StreamSets experts) will work with client architects, DevOps and developers to assess changes needed in order to provide a performant, available, scalable and functional implementation.

Our consultants will work with client architects, developers and operations teams to assess the StreamSets environment and determine, according to StreamSets best practices and deployment principles, the changes required to successfully run and operate StreamSets to meet your business and technical requirements.

The guidance we provide enables you to operate, manage, monitor and control your deployment with confidence, and leverage the right operational choices for a given deployment. You'll learn how to best administer, operate and deploy on StreamSets. Your operations team will learn how to maintain StreamSets, diagnose performance issues, handle security, and establish the proper high availability and recovery procedures.

If applicable to your license, your team will also learn how to use StreamSets Control Hub software / service. Control Hub, available with StreamSets Premium and Enterprise Edition licenses, is the best way to manage StreamSets Data Collectors either within your own data center or in the cloud, making it fast and easy for operations teams to deploy, monitor and scale StreamSets. Our StreamSets consultant can provide other recommendations for running your operations smoothly. Do you have the right hardware to maximize performance? Have you tested high availability? Are you complying with internal policies and best practices for information security and access control? Our StreamSets consultant can help to answer these questions and more.

Engagement Details

Typically, a StreamSets Solutions Architect will get involved in pre production discussions and help you define and implement the best practices for your deployment. If already have an existing StreamSets deployment the Solutions Architect will review your deployment for best practices as well as review any upcoming or existing product enhancements that could benefit your team

The health check engagement typically covers the following:

- **Use Case Analysis**
Reviewing application use cases and overall system requirements to provide targeted architectural recommendations.
- **Capacity Planning**
Gathering data requirements and generating recommended node counts and hardware requirements.
- **Environment Review**
Pre-production / production application, cluster, and environment validation to ensure the success of new deployments.
- **Performance Tuning**
Provide recommendations for performance tuning/system optimization.
- **Operational Practices**
Recommendations for monitoring, backup, failure handling, and maintenance practices to ensure the availability of your environment.

Deliverables

At the end of the engagement within 5 business days the StreamSets solutions consultant will provide a comprehensive report with the findings and recommendation. This will include all the recommendations reviewed with the client on-site and any additional recommendations.

Delivery Approach

Timeline: This engagement provides up to a total of 2 days of StreamSets consultant time on-site. An additional 6 hours of remote time is included for deliverable creation and review.

ABOUT STREAMSETS

StreamSets transforms how enterprises flow big and fast data from myriad sources into data centers and cloud analytics platforms. Its DataOps platform helps companies build and operate continuous dataflow topologies, combining award-winning open source data movement software with a cloud-native Control Hub. Enterprises use StreamSets to enable cloud analytics, data lakes, Apache Kafka, IoT and cybersecurity.

Founded by Girish Pancha, former chief product officer of Informatica, and Arvind Prabhakar, a former engineering leader at Cloudera. StreamSets is backed by top-tier Silicon Valley venture capital firms, including Battery Ventures, New Enterprise Associates (NEA), and Accel Partners.

For more information, visit streamsets.com

LEARN MORE

For additional information about StreamSets or StreamSets Services, please contact your StreamSets Account Representative or visit us online at www.streamsets.com