

# IBM Platform Symphony: Getting Started with MapReduce Service

*Analyze large amounts of data and get answers to your business questions faster*



The IBM® Platform™ Symphony: Getting Started with MapReduce Service is a professional assessment service that will start you down the path towards implementing a successful business analytics solution. Our service will provide you an in-depth analysis and detailed recommendations about how to leverage MapReduce programming techniques to meet your needs.

This service is designed to provide you with a custom “blue print” and advice to help you successfully build a business analytics solution using MapReduce. Our goal is to provide a sophisticated management platform that enables you to turn both structured and unstructured “raw” data into valuable insights in the fastest and most effective way, which can ultimately lead to better competitiveness, higher productivity and improved ROI.

Organizations who will benefit from this service include those that are developing data-intensive applications, including MapReduce applications, to gather, transform and analyze gigabytes to terabytes of data in ways that could not have been done in the past to deliver business value in a highly scalable and cost effective way. This service can help you:

- Build a solid knowledge of MapReduce fundamentals.
- Learn how to get valuable insights from your data.
- Exploit both structured and unstructured data to drive better business decisions.
- Reduce guess work or trial and error to speed implementation.
- Provide you with a best practices recommendation report—your “blueprint” for success.
- Customize solutions to fit your specific business needs and use cases.
- Improve resource utilization, speed the ROI of your hardware investment and reduce service outage risks.



Your service engagement will include:

- Platform MapReduce introduction training to build a basic understanding of the MapReduce concept and the specific techniques that can be used to develop practical, real life solutions. This one day training will be delivered in a virtual format.
- An assessment engagement to identify use cases and business objectives. At this stage, IBM consultants will gather detailed requirements from all users, then perform a thorough analysis to prioritize the requirements, address conflicts and summarize KPIs and objectives.
- A detailed data flow analysis to determine what data is available and how it is created; the data format (structured or unstructured); and what fields are needed and why. A documented data flow diagram (DFD) is then produced to demonstrate the logical relationships.
- A deep investigation of data mapping to examine the fields in various systems and come up with the ETL (extract, transform and load) requirements and methods to help make your data more useful.
- Data analysis to help you design the right integration approach with your current business intelligence (BI) tools to display the data, or suggest a more appropriate approach based on your business needs.
- An infrastructure architecture analysis of your current infrastructure conducted against the proposed solution design to identify gaps in areas such as storage, and networking and computing systems to help ensure business SLAs, performance, resource sharing and scalability needs will be met to maximize the overall value and ROI of the solution.
- Production operational readiness guidance and best practices to help you understand how to implement the proper infrastructure management, monitoring and reporting. Key considerations such as disaster recovery will be considered as well as run book creation.
- An executive summary recommendations report covering all the analysis with a recommended implementation proposal.

## For more information

To learn more about the IBM Platform Symphony: Getting Started with MapReduce Service, please contact your IBM marketing representative or IBM Business Partner, or visit the following website:

[ibm.com/platformcomputing](http://ibm.com/platformcomputing)



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