IBM `Information Management` software

Performance tuning: Identifying performance improvement opportunities

---

Highlights

- ■ *Identify points of data congestion*

- ■ *Leverage IBM performance improvement techniques*

- ■ *Analyze your technical environment and targeted sample jobs*

- ■ *Employ IBM standard practices and methodologies*

Performance tuning

The Performance Tuning workshop guides clients' technical staff through IBM standard practices and methodologies for review, analysis and performance optimization using a targeted sample of jobs and environments. The objectives of the workshop are to identify potential areas of improvement, demonstrate IBM processes and techniques, and provide a final report that contains recommended performance modifications and IBM standard practice guidelines for performance tuning.

Analyzing performance

Consultants from IBM Information Integration Solutions help identify potential points of data congestion by analyzing components of the environment including:

- · *IBM WebSphere® DataStage® configuration*
- · *Hardware interaction*
- · *Software relationships*
- · *Database performance and usage*
- · *Data volumes and loads*
- · *Data touch points*
- · *Lookup strategy*
- · *Source and sort strategy*
- · *Data partitioning methods*
- · *Job design concepts*

Creating solutions

The results of the effort are captured in the performance tuning report, which is a customized standard practice document that details IBM recommended performance enhancements and the results of any modifications that may have been made to the system during the consulting engagement. Optimization recommendations such as configuration parameters, data placements and design modifications are provided based on clients' unique environments.

IBM Information Integration Solutions

IBM offers a broad set of service offerings designed to maximize success with the IBM Information Integration Solutions through standard practices developed across numerous successful deployments. Intended to establish a foundation of product knowledge and guidelines, these strategic workshops
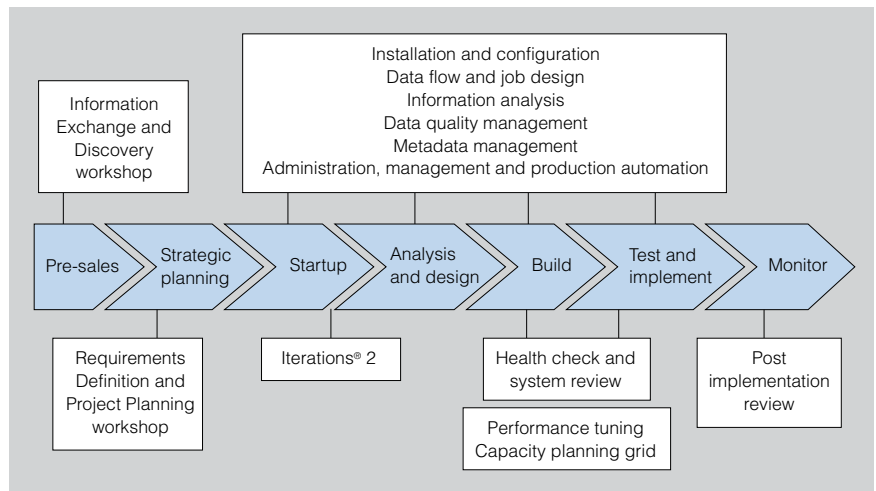

Figure 1. Services offerings within the software development life cycle

are customized to the client's existing environments, standards and methodologies.

Throughout the project life cycle, IBM provides a comprehensive set of service offerings using IBM Information Integration Solutions, as seen in Figure 1.
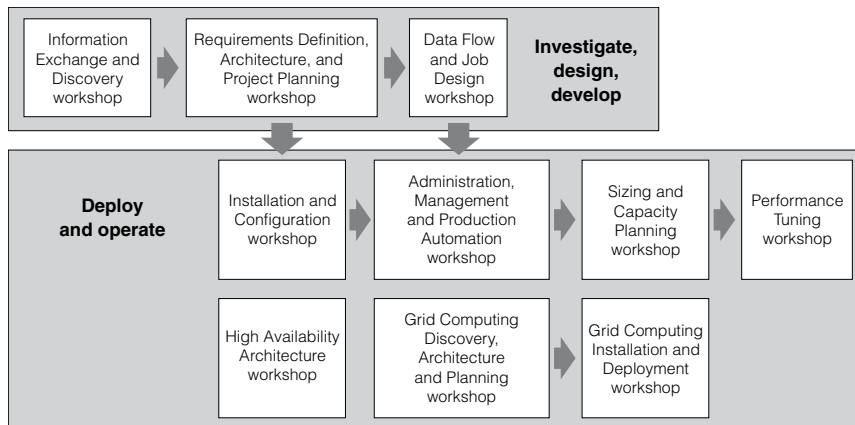
Information Exchange and Discovery workshop	Requirements Definition, Architecture, and Project Planning workshop	Data Flow and Job Design workshop	**Investigate, design, develop**

Deploy and operate	Installation and Configuration workshop	Administration, Management and Production Automation workshop	Sizing and Capacity Planning workshop	Performance Tuning workshop
	High Availability Architecture workshop	Grid Computing Discovery, Architecture and Planning workshop	Grid Computing Installation and Deployment workshop	

Figure 2. Services workshops for the WebSphere DataStage parallel framework

Figure 2 illustrates the various IBM Information Integration Solutions workshops around the parallel framework of WebSphere DataStage software.

The objective of IBM Information Integration Solutions is to provide the most cost-effective and expedient means of achieving project goals by using the IBM Information Server software platform, repeatable processes and consistent deliverables. To achieve these goals and ensure the continued success of the initiative, IBM employs standard methodologies, proven consulting expertise and experience refined throughout hundreds of successful client data-integration engagements.

For more information

For more information about the Performance Tuning workshop or other IBM Information Integration Solutions offerings, please visit **ibm.com/**software/data/integration

3

IBM®

TAKE BACK CONTROL WITH Information Management

IMS11817-USEN-00