



Overview

IBM Cognos® BI products are rich, robust and flexible. They allow for a variety of uses and may be architected in solutions that range from small departmental single-server environments to very large multi-server enterprise environments. The BI Architecture Design service helps you achieve high degrees of flexibility and usability by ensuring your architecture conforms to your business goals and your unique needs.

IBM Cognos BI Architecture Design Service

Technical specifications

What is the BI Architecture service?

The BI Architecture Design service will help ensure your BI solutions are placed on a solid foundation that has been built to meet your specific goals. A technical architect will work with you to identify architecture goals, provide an architecture that matches those goals, and provide guidance on key areas like failover, load balancing and disaster recovery. The primary focus of the IBM Cognos Architecture Design service is to provide you with the knowledge and proven practices, to build and manage the growth of your BI architecture over the long term.

Features and benefits

How the BI Architecture Design service drives better ROI

The BI Architecture Design service helps you achieve better return on your software investment by helping you understand and architect flexible solutions to meet your changing needs. This service is delivered as a part of the proven IBM Cognos implementation method.

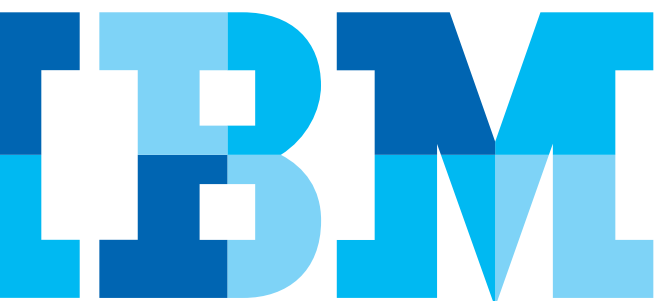
This service helps to mitigate risks and averts costly implementation issues by:

- Identifying business goals and matching them to proven architecture strategies
- Helping to design conformed, supportable environments
- Highlighting key product features used in high availability solutions
- Providing you with the knowledge to react to your changing needs
- Streamlining the installation process by providing a solid foundation of architecture knowledge before implementation begins

Feature overview

How the BI Architecture Design service works

The BI Architecture service provides three levels of architecture designed to meet your needs.



Level 1 - Architecture Recommendation

The Architecture Recommendation service is designed to provide you with recommendations for “tried and true” architectures that are successfully in use at other IBM Cognos customer sites. The service includes an interview to determine the basic characteristics of your planned implementation. The technical architect then recommends an architecture that most closely meets your needs.

Topics for discussion include:

- General size – Expected user community and concurrency.
- Products – Which IBM Cognos product will be included in the architecture?
- Product Balance – Which IBM Cognos product will be the heaviest used based on expected percentage of usage?

Deliverables

Based on the findings from the discussion, IBM Cognos will recommend and provide known and successful sample architectures that most closely fit your stated needs.

Level 2 - Architecture Design

The Architecture Design service provides you with a detailed custom-designed architecture to meet your individual needs. This service consists of in-depth interviews to discuss your application goals and important factors that should be considered in the architecture.

Topics for discussion will include but are not limited to:

- General Size – Expected user community and concurrency.
- Products – Which IBM Cognos product will be in the architecture?
- Product Balance – Which IBM Cognos product will be the heaviest used based on expected percentage of usage?
- Failover Strategies – Gateway failover, application failover, Content Manager failover, and hardware failover.
- Load Balancing – Application server load balancing, weighted round robin versus cluster compatible, load distribution strategies, targeted service servers, and advanced routing sets.

- Scalability – Adding capacity to an existing architecture, strategies for best utilization of resources, and maintaining a balanced environment.
- Disaster Recovery – Strategies for employing disaster recovery and IBM Cognos solution backup procedures.
- Lifecycle Strategies Understanding options for capacity assessments, load testing and continuous integration.

Deliverables

Based on the findings above, IBM will create and deliver a custom architecture design that best meets your stated goals. The design will include graphical architectural diagram(s) along with descriptions of the features and their alignment with your stated goals.

Level 3 - Architecture Assessment

The Architecture Assessment is designed to deliver architecture designs that are built on the results of extensive load testing and environmental review. This assessment is a standard deliverable of the Performance and Testing service and is not available separately. Results of the load test along with environmental factors and projected concurrency growth rates (up to 24 months) are used to produce the final architecture capacity assessment.

Deliverables

Based on the findings above, IBM Cognos will create and deliver a custom architecture design that best meets your stated goals. The design will include graphical architectural diagram(s) along with descriptions of the features and their alignment with your stated goals.

What you get with the BI Architecture service

When engaging IBM Cognos technical architects to perform the BI Architecture Design service you can expect to receive standard documentation including the architecture design document with detailed descriptions, architecture diagrams, and go forward strategies.

About IBM Cognos Lab Services

The IBM Cognos Lab Services organization provides consulting and education exclusively focused on the IBM Cognos product portfolio. Our world class team of IBM Cognos Certified professionals assists customers to assess, plan, train, and optimize for successful implementations of IBM Cognos software. Our deep product expertise and extensive proven practices help customers maximize their software investment and mitigate risks.

Contact us

For more information about how IBM Cognos Lab Services can assist you, complete the Services Request form ibm.com/cognos/contactus on our website.

An IBM Cognos representative will respond to your enquiry within two business days.

About IBM Cognos BI and Performance Management

IBM Cognos business intelligence (BI) and performance management solutions deliver world-leading enterprise planning, consolidation and BI software, support and services to help companies plan, understand and manage financial and operational performance. IBM Cognos solutions bring together technology, analytical applications, proven practices, and a broad network of partners to give customers an open, adaptive and complete performance solution. Over 23,000 customers in more than 135 countries around the world choose IBM Cognos solutions.

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