

Resilient architecture design

Highlights

- ***Helps identify alternative strategies for IT availability, security and recoverability based on your business and regulatory requirements and guiding principles***
- ***Prepares a high-level conceptual design of alternative strategies and facilitates the educated selection of one strategy based on feasibility***
- ***Develops the design specifications for the selected strategy including facilities, hardware, software, network, staffing, governance and management requirements***
- ***Provides an implementation plan designed to achieve desired solution***
- ***Prepares a business case for selected strategy solution to take forward to executive management for approval***

Focusing on business resilience

I have excess capacity and multiple data centers, how can I use them for disaster recovery?

How do I justify my investment in security, availability and recovery strategies?

How do I transition my old strategy to meet the more stringent service level requirements of my business units?

Addressing these questions is essential in today's business environments, where enterprises are challenged by a volatile, increasingly unpredictable world. Business executives need to focus on business resilience — **the ability to rapidly adapt and respond to risks, as well as opportunities, to maintain continuous business operations, be a more trusted partner, and enable growth.**

IBM can work with you to create a standards-based architecture design that blends your continuity, availability and recovery techniques within a security-rich environment. IBM brings expertise, tools and proven methodology to define a solution that includes a roadmap for implementation and ongoing operations. This design provides a holistic view of resilience across business strategies, organization, processes, applications and data, technology and facilities.

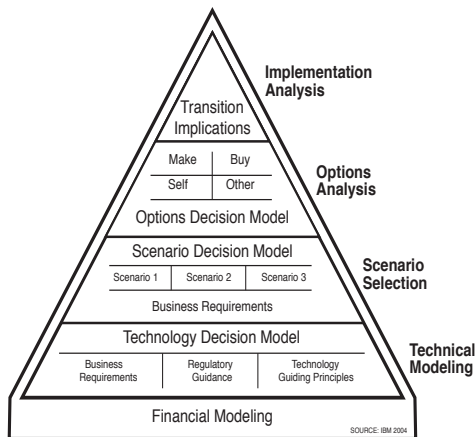
Creating a strategy and conceptual design

We help you design a resilient architecture in two main phases: (1) strategy and conceptual design, and (2) solution design.

(1) Strategy and conceptual design: In this phase, we document your goals and requirements, provide design specifications at a conceptual level, and set direction for selecting the most viable design alternative.

Our resilient architecture strategy framework allows us to objectively apply a disciplined methodology to help accelerate your decision-making based on guiding principles and technical modeling.

The key activities of this methodology are highlighted on the right side of the diagram.



In technical modeling, we establish the business requirements, guiding principles and decision criteria that help define the capabilities to be delivered in the future.

Scenario selection considers various solution alternatives based on technical, facility, and availability factors.

Options analysis evaluates how to best deliver capabilities, given your corporate culture, as well as the expenses associated with owning, co-locating or sourcing assets and services.

In the transition analysis, based on your selection of the appropriate option for your business, we provide an optimum migration path from the current to the future state.

Financial modeling occurs at each step as we weigh capabilities against the cost of delivering the solution.

Mapping the road to resilience

(2) Solution design:

In this phase, we provide a business case for your selected design. We document your goals and guiding principles, technical components, cost estimates, benefits and the tasks required to implement the design.

Making your resilience program a success

- *A comprehensive resilient architecture design helps strengthen the IT foundation that can keep your business processes running, regardless of various demands and risks.*
- *Our methodology helps you choose a solution that balances risk mitigation and cost as you integrate continuity, availability, security, and recovery strategies.*
- *Focused on your goals and objectives, IBM brings extensive business, network, systems, software, application and overall resilience expertise, as well as methods and processes, to help create a resilient architecture that is customized to support your business.*
- *IBM has a portfolio of related offerings that are available to support you throughout the deployment and operations life cycle.*

For more information

To learn more about IBM Business Resilience and Continuity Services or other IBM Global Services, contact your local IBM sales representative or Business Partner, or visit our Web site at:

www.ibm.com/services/its/resilience



© Copyright IBM Corporation 2004

IBM Global Services
Route 100
Somers, NY 10589
U.S.A.

10-04

IBM, the IBM logo, and the On Demand Business logo are trademarks or registered trademarks of the IBM Corporation in the United States, other countries, or both.

All other registered trademarks, trademarks and service marks are the property of their respective owners.

References in this publication to IBM products or services do not imply that IBM intends to make them available in all countries in which IBM operates.

The IBM home page on the Internet can be