



Mastering CBAP V3

Adaptive Processes

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This publication may be used in assisting aspirants for CBAP® examination. It does not warrant that use of this publication will ensure passing the CBAP® examination.

Introduction

As the book title suggests, this book is a guidebook for the aspirants of the CBAP® examination from IIBA®, Canada. We value your time and hence the book is designed to be extremely specific - Help you pass the certification examination with least possible effort.

This book is authored by qualified CBAP® trainers who have helped many other participants clear the CBAP® examination in the very first attempt. They are also regular trainers for CBAP® preparations in both corporate and open-house workshops and have trained participants across the world - USA, Australia, Middle East, South East Asia, Europe and Africa.

Now CBAP® examination is based on BABOK® v3.0 and so is this book. This book presents BABOK® concepts in a tabular format which is easy to understand. This book will soon be followed by an audio book and elearning to further assist participants.

Feedbacks and suggestions on the book

We will be glad and thankful if you can share your feedbacks and suggestions on the book. Please send your feedbacks and suggestions to Info@AdaptiveProcesses.com.

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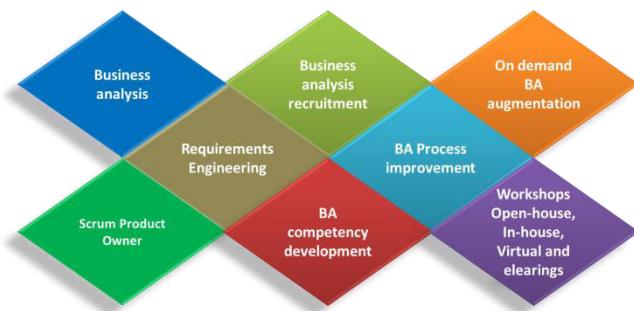
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About Adaptive Processes Consulting

Adaptive Processes is a leading global player helping its clients improve their business analysis and requirements engineering capabilities and practices.



Key facts

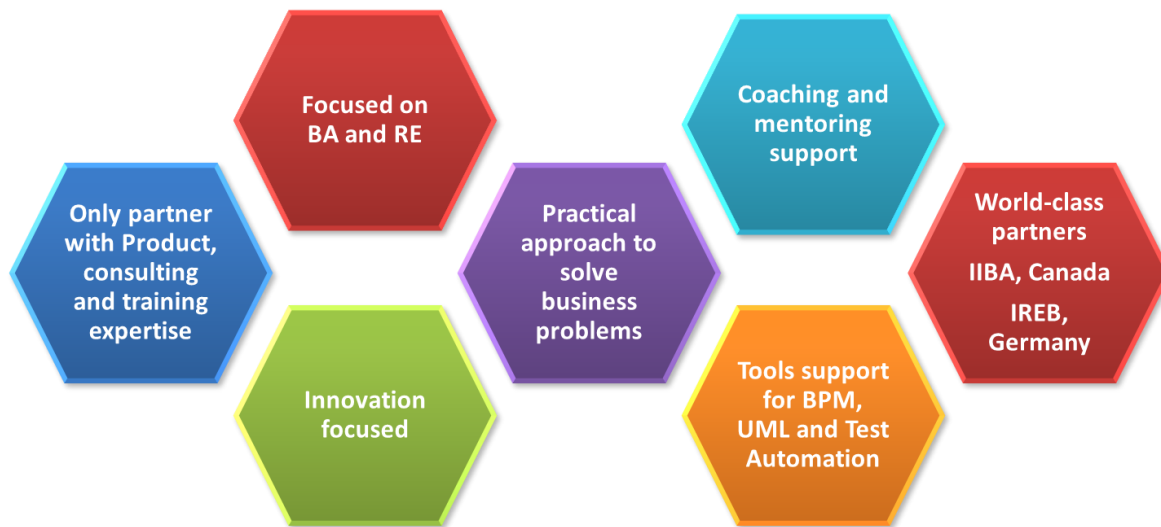
- ✓ Consulting, training, staffing and products for business analysis and requirements engineering.
- ✓ 200+ person-years consulting experience.
- ✓ 200+ Clients across the globe.
- ✓ 10+ Fortune 500 clients.
- ✓ 200+ workshops in India, US, Thailand, Philippines, Malaysia.

Recognitions

- ✓ Red Herring Top 100 finalist for Asia – 2014
- ✓ Winner of Deloitte 2013 Technology Fast 500 for Asia Pacific
- ✓ Winner of Deloitte 2013 Technology Fast 50.
- ✓ Winner of Most Innovative Company Award from Pan IIT-IIM Alumni Forum.
- ✓ Certified Microsoft BizSpark Partner.
- ✓ Nominated for prestigious Tata NEN Hottest Start-up.



Unique benefits of working with us



Our key clients



Adaptive workshops catalogue

Category	Course Name
Business analysis	Certified Business Analyst Professional (CBAP®) (Endorsed by IIBA® , Canada)
Business analysis	Certification of Capability in Business Analysis (CCBA) (Endorsed by IIBA® , Canada)
Business analysis	Certified Professional in Requirements Engineering(CPRE) (Endorsed by IREB, Germany)
Business analysis	Elicitation techniques
Business analysis	Requirements modeling using UML
Business analysis	Behaviorial skills for Bas
Business analysis	The ACE BA program
Agile	Certified Agile Practitioner
Agile	Introduction to Agile and Scrum
BSC	Balance Score Card
CMMI	CMMI for Services
CMMI	Introduction to CMMI for Development
CMMI	CMM Implementation Workshop
CoBIT	Introduction to COBIT
Excel	Excel for Executive Managers
ISO 27001	Certified ISO 27001 Implementer
ISO 27001	Certified ISO 27001 Internal Auditor

Project Management	Introduction to MS-Project
Project Management	Project Management Basics
Project Management	Program Management Professional
Project Management	Stakeholder Management
Six Sigma	Six Sigma Green Belt
Project Management	Certified Software Team Lead
Software Engineering	Configuration Management
Software Engineering	Good Programming Practices
Software Engineering	Introduction to Software Quality
Software Engineering	Requirements Management
Software Engineering	Software Engineering Principles
Software Engineering	Introduction to Software QA
Software Engineering	Software Reviews
Software Engineering	Software Testing Principles
Software Engineering	Software Metrics
Software Engineering	Statistics for Project Managers
Software Engineering	Statistical Process Control

Please note that we modify course catalog based on changing business needs. For the latest information, always refer to our web-site, www.AdaptiveProcesses.com.

1. Preface and Introduction

What is business analysis?

Your notes:

BABOK® Definition: Business analysis is the practice of enabling change in an enterprise by defining needs and recommending solutions that deliver value to stakeholders.

Business analysis enables an enterprise to articulate its needs, rationale for change, and to design and describe solutions that can deliver value.

Business analysis can be performed within a project or across the enterprise. It can be used to understand the current state, define future state and determine activities required for transition.

Business analysis can be performed from various perspectives like agile, business intelligence, information technology, business

architecture, business process management etc.

Who is a Business Analyst

A person who performs BA tasks mentioned in BABOK® is considered a business analyst irrespective of his job title or organization role.

Business analysts elicit actual needs of stakeholders, not simply capture expressed desires. They are also responsible for discovering and analysing information from various sources.

Common job titles for BAs are business architect, system analyst, requirements engineer, process analyst, management consultant, product manager etc.

Business analysts help organizations define the optimal solutions for their needs, given the set of constraints (including time, budget, regulations and others).

The main activities BAs perform are:



What is IIBA® ?

International Institute of Business Analysis (IIBA®) was founded in Toronto, Canada in October of 2003 to support the business analysis community by:

- Creating and developing awareness and recognition of the value and contribution of the business analyst.
- Defining the Business analysis body of knowledge (BABOK®).
- Providing a forum for knowledge sharing and contribution to the business analysis profession.
- Publicly recognizing and certifying qualified practitioners through an internationally acknowledged certification program.

What is BABOK® ?

BABOK® contains a description of generally accepted practices in the field of business analysis. It gives a guidance on the skills

and knowledge that a business analyst must possess. Contents of BABOK® have been verified thoroughly by practitioners.

BABOK® does not mandate that practices described should be followed under all circumstances.

Any set of practices MUST be tailored to the specific business analysis conditions.

The goal of revising BABOK® v2.0 and coming up the new version v3.0 are as follows:

- Incorporate new concepts and practices
- Address the evolving scope of the profession
- Incorporate lessons learnt from practitioners
- Enhance readability and usability of the guide and consistency and quality of texts and illustrations
- Improve consistency with other generally accepted BA standards

What and Why of CBAP®

CBAP® stands for Certified Business Analysis Professional, 3rd level certification provided by International Institute of Business Analysis (IIBA®), Canada ([www.IIBA® .org](http://www.IIBA.org)).

Following are some of the benefits of becoming a CBAP® :

- ✓ Be recognized for your competency in business analysis.
- ✓ Business analysis is the fastest growing career opportunity for IT professionals.
- ✓ People with domain experience can move into IT sector by becoming a business analyst.
- ✓ Better job prospects.
- ✓ Better salary.

Eligibility for CBAP®

- ✓ High school (In India, this will be higher secondary school) and above.
- ✓ 7500 hours of Business analysis-related

work in last 10 years.

- ✓ Professional development: 35 hours of verifiable BABOK® coursework. Adaptive Processes is an authorized EEP of IIBA®, its trainings provide desired PDUs for the CBAP® certification examination.
- ✓ References: Two references from a career manager, client (internal or external) or CBAP®.
- ✓ 900 hours in 4 knowledge areas.

You can download a BA experience calculator at no cost from our eStore.

Certification process

- ✓ Become an IIBA® member at www.IIBA.org.
- ✓ Benefits include free, unlimited access to the BABOK® and 500+ online books, local, national and international networking opportunities and ability to influence the

growth and direction of the BA profession.

- ✓ Take required training from an IIBA® EEP, such as Adaptive Processes (www.AdaptiveProcesses.com).
- ✓ Download BABOK® and start reading.
- ✓ Join a study group, or start one.
- ✓ Begin preparing for the application.

Preparing the application

- ✓ Begin the application at least 2 weeks before you plan to apply.
- ✓ It can take anywhere from 6–10 hours to complete.
- ✓ Download and use Adaptive BA experience calculator.
- ✓ Apply within 6 months of when you plan to write.
- ✓ You can download the CBAP® handbook for a detailed application process at IIBA® website.

Knowledge areas

Knowledge areas represent areas of specific BA expertise.

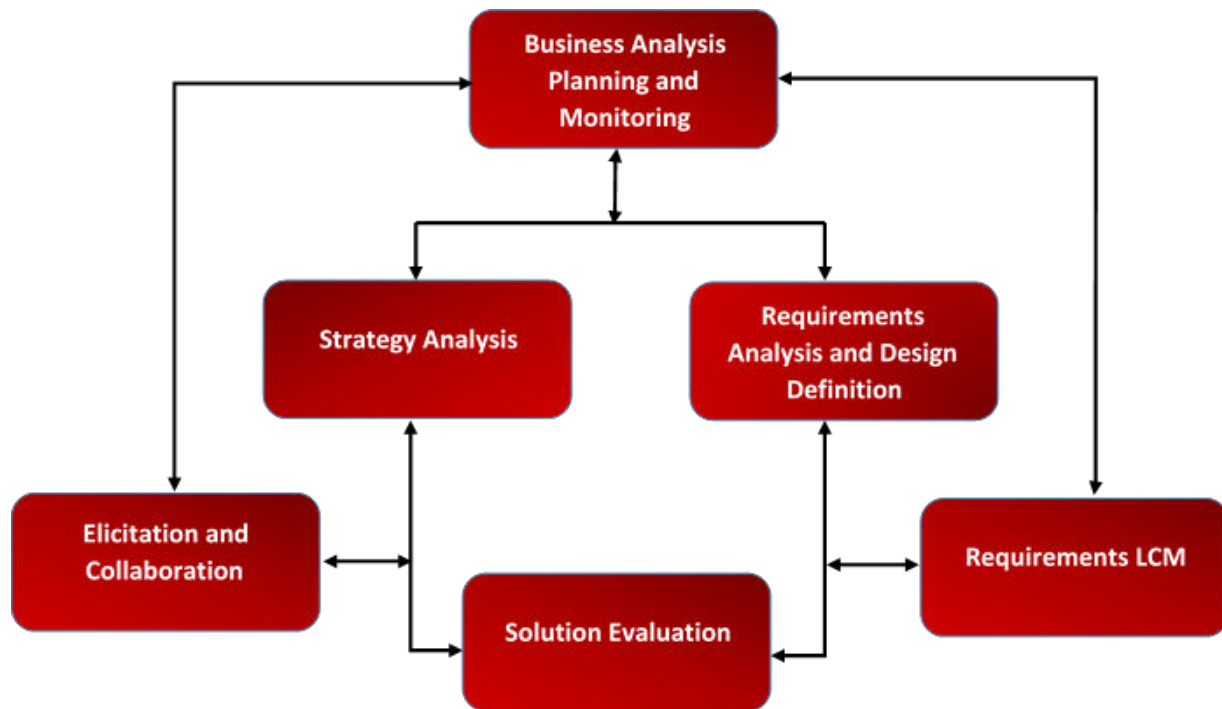
There are 6 knowledge area in BABoK V3:

1. BA planning and monitoring
2. Elicitation and collaboration
3. Requirements life cycle management
4. Strategy analysis
5. Requirements analysis and design definition
6. Solution evaluation

Knowledge areas

Knowledge Areas	Description
BA planning and monitoring	Tasks BAs perform to organize and coordinate efforts of BAs and stakeholders
Elicitation and Collaboration	Tasks BAs carry out to prepare for elicitation, conduct elicitation activities, confirm results, communicate and collaborate with stakeholders
Requirements LCM	Tasks BAs perform to manage and maintain requirements and design information from start till end
Strategy Analysis	Tasks BAs perform to identify a need of strategic or tactical importance, how to collaborate and enable stakeholders to address that need etc.
Requirements Analysis and Design Definition	Tasks BAs carry out to organize elicited requirements, model them, validate and verify them and identify and estimate potential value of solution options
Solution Evaluation	Tasks BAs perform to assess the performance and value delivered by a solution

The below diagram depicts the Relations between Knowledge Areas:



Tasks

A task is an essential piece of work to be performed as part of business analysis. Each task should be performed **at least once** during most BA initiatives. There is no upper limit to the number of times any task may be performed. Tasks may be performed at any scale - from few minutes to few months.

In this book, tasks are structured in the following manner:

Purpose: Short description as to why a BA performs a task and the value derived from it		
Inputs	Stakeholders	Outputs
This section lists the inputs for a task which will lead to outputs	This section lists stakeholders who are likely to participate in a task	This section lists the results produced by performing a task
Guidelines and Tools: This section lists resources which are required to transform input into output.		
Techniques: This section lists the techniques that can be used to perform the BA task		

Underlying competencies

Underlying competencies are skills, knowledge and personal characteristics that support effective performance of business analysis. This is discussed in detail in Chapter 8.

Activities

3.1 Plan business analysis approach

Purpose: To define an appropriate method to conduct BA activities (Tasks, Schedule, Responsibilities, and Techniques).		
Inputs	Stakeholders	Outputs
Needs	Sponsor, Domain SME, Regulator, PM	BA approach (Strangely this is NOT used for KA 5 and 7)
Guidelines and Tools: BA Performance Assessment, Business Policies, Expert Judgment, Methodologies and Frameworks, Stakeholder Engagement Approach.		
Techniques: Brainstorming, Business Cases, Document Analysis, Estimation, Financial Analysis, Functional Decomposition, Interviews, Item Tracking, Lessons Learned, Process Modelling, Reviews, Risk Analysis and Management, Scope Modelling, Survey or Questionnaire, Workshops.		

Set of techniques identified initially can change over time. **Your notes**

BA approach may be defined by organizational standards or by a methodology. Organizations usually have formal or informal standards regarding how to conduct business analysis

and how it fits into project and other activities.

Review existing organizational process assets and tailoring aspects relating to the initiative. These may suggest or mandate the BA approach. If no standards exist, work with appropriate stakeholders to determine the business analysis approach. Work with the project manager and project team, to ensure that the BA approach is suitable.

If a change is implemented through a project approach, BA approach is defined during project planning phase.

BA approach should:

1. Align with the goals of the change,
2. Coordinate the BA tasks with the activities and deliverables of the overall change,
3. Have risk mitigation tasks for risks which affect task efficiency,
4. Make use of proven tools and techniques,
5. Meet organizational process needs and

objectives for the initiative.

One may tailor standard BA approaches for the initiative as per organizational process tailoring guidelines.

BA approach is often based on or related to the project approach, but can also be independent. For example, one can use a plan-driven approach to define its business processes and then use a change-driven approach to build the supporting software applications.

Elements

.1 Determine BA planning approach

Factors determining selection of BA approach are

1. Prior experience,
2. Organization standards,
3. Tolerance for uncertainty,
4. Complexity and risk of change,
5. Regulation pertaining to the industry,
6. Geographic distribution of stakeholders,
7. Staff experience level and turnover,

8. Contractual needs,
9. Intent to re-use BA information etc.

Plans should be revised based on changing business conditions.

Attribute	Predictive	Adaptive
Focus	Minimize upfront risk, maximize control	Rapid delivery in short iterations
Planning	Heavily loaded in planning phase	Distributed over iterations
Authority to approve	Sponsor	Designated person
Applicable situation	Complex, high cost of failure, well defined requirements ahead of implementation is possible, challenging stakeholder interactions	Low cost of failure, requirements amorphous
Model	Water-fall	Agile / Iterative
Level of detail	High	Low
Change management	Formal process through standardized template Accept change only when justified	Through prioritized product backlog, time box driven
Communication	Formal	Informal Verbal Model

	Documented Periodic	based Frequent
Documentation	Formal Prior to implementation	Through interactions and flexible Formal documentation post implementation for maintenance
Emphasis on requirements prioritization	Low	High
Task planning	Identified first, then divided into tasks	Deliverables first, then related tasks are identified
Timing	Performed in specific phases	Performed iteratively
Solution definition	Prior to implementations	In iterations
Activities	Needed for deliverables broken to tasks	Deliverables divided among iterations and tasks identified for iterations