Introduction to COBIT 5

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Introduction to COBIT 5

Building on more than 15 years of practice in the business, IT, risk, security and assurance communities, the COBIT 5 framework will deliver the basis for governing and managing enterprise IT! COBIT 5 is a “business framework for the governance and management of enterprise IT.” COBIT 5 will empower executives to make better decisions regarding their information and technology assets.

COBIT 5 is a "top down" framework which is principle-based, powered by enablers, separating governance and management and is delivered with a powerful implementation guide to direct the practitioner in ensuring value from their IT-enabled business investments. This session will discuss the critical aspects of COBIT 5, what is available and when, and will allow time for your questions!
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COBIT – the history

An business framework from ISACA, at www.isaca.org/cobit

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The main, overarching COBIT 5 product
Contains the executive summary and the full description of all of the COBIT 5 framework components:

- The five COBIT 5 principles
- The seven COBIT 5 enablers plus
- An introduction to the implementation guidance provided by ISACA (COBIT 5 Implementation)
Governance and Management

- Governance ensures that enterprise objectives are achieved by **evaluating** stakeholder needs, conditions and options; setting **direction** through prioritisation and decision making; and **monitoring** performance, compliance and progress against agreed-on direction and objectives (EDM).

- Management plans, **builds, runs and monitors** activities in alignment with the direction set by the governance body to achieve the enterprise objectives (PBRM).
COBIT 5 Principles

1. Meeting Stakeholder Needs
2. Covering the Enterprise End-to-end
3. Applying a Single Integrated Framework
4. Enabling a Holistic Approach
5. Separating Governance From Management

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COBIT 5 Enablers

2. Processes  
3. Organisational Structures  
4. Culture, Ethics and Behaviour

1. Principles, Policies and Frameworks

5. Information  
6. Services, Infrastructure and Applications  
7. People, Skills and Competencies

Resources

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COBIT 5 Principles

1. Meeting Stakeholder Needs
2. Covering the Enterprise End-to-end
3. Applying a Single Integrated Framework
4. Enabling a Holistic Approach
5. Separating Governance From Management
Meeting Stakeholder Needs

Principle 1. Meeting Stakeholder Needs

- Enterprises exist to **create value** for their stakeholders.

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Multiple stakeholders with differing concept of value

Negotiating and deciding amongst different stakeholders’ value interests.

Governance system should consider all stakeholders when making benefit, resource and risk assessment decisions

- Who receives the benefits?
- Who bears the risk?
- What resources are required?
Meeting Stakeholder Needs (cont.)

- Stakeholder needs transformed into an enterprise’s actionable strategy
- COBIT 5 goals cascade

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Covering the Enterprise End-to-end

- Integrates governance of enterprise IT into enterprise governance
- Aligns with the latest views on governance.
- Covers all functions and processes within the enterprise

NOT JUST THE IT FUNCTION!
Key components of a governance system

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Covering the Enterprise End-to-end (cont.)

Roles, Activities and Relationships

Owners and Stakeholders → Delegate → Governing Body → Set Direction → Management → Instruct and Align → Report → Operations and Execution

Accountable → Monitor → Management

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Applying a Single Integrated Framework

- COBIT 5 aligns with the latest relevant other standards and frameworks used by enterprises:
  - Enterprise: COSO, COSO ERM, ISO/IEC 9000, ISO/IEC 31000
  - IT-related: ISO/IEC 38500, ITIL, ISO/IEC 27000 series, TOGAF, PMBOK/PRINCE2, CMMI
  - Etc.
- COBIT 5 the overarching governance and management framework integrator
- ISACA plans a capability to facilitate COBIT user mapping of practices and activities to third-party references
Enabling a Holistic Approach

COBIT 5 enablers

- Factors that, individually and collectively, influence whether something will work—in the case of COBIT, governance and management over enterprise IT
- Driven by the goals cascade, i.e., higher-level IT-related goals define what the different enablers should achieve
- Described by the COBIT 5 framework in **seven categories**
Enabling a Holistic Approach (cont.)

1. Principles, Policies and Frameworks

2. Processes

3. Organisational Structures

4. Culture, Ethics and Behaviour

5. Information

6. Services, Infrastructure and Applications

7. People, Skills and Competencies

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Enabling a Holistic Approach (cont.)

1. Processes
2. Organisational structures
3. Culture, ethics and behaviour
4. Principles, policies and frameworks
5. Information
6. Services, infrastructure and applications
7. People, skills and competencies
Enabling a Holistic Approach (cont.)

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Separating Governance From Management

- COBIT 5 framework makes a clear distinction between governance and management.
- These two disciplines:
  - Encompass different types of activities
  - Require different organisational structures
  - Serve different purposes
- Governance—In most enterprises, governance is the responsibility of the board of directors under the leadership of the chairperson.
- Management—In most enterprises, management is the responsibility of the executive management under the leadership of the CEO.
Separating Governance From Management

Source: COBIT® 5, figure 15. © 2012 ISACA® All rights reserved.
• **Governance** ensures that stakeholders needs, conditions and options are evaluated to determine balanced, agreed-on enterprise objectives to be achieved; setting **direction** through prioritisation and decision making; and **monitoring** performance and compliance against agreed-on direction and objectives (EDM).

• **Management plans, builds, runs and monitors** activities in alignment with the direction set by the governance body to achieve the enterprise objectives (PBRM).
COBIT 5: Enabling Processes
COBIT 5: Enabling Processes

- COBIT 5: Enabling Processes complements COBIT 5 and contains a detailed reference guide to the processes that are defined in the COBIT 5 process reference model:
  - In Chapter 2, the COBIT 5 goals cascade is recapitulated and complemented with a set of example metrics for the enterprise goals and the IT-related goals.
  - In Chapter 3, the COBIT 5 process model is explained and its components defined.
  - Chapter 4 shows the diagram of this process reference model.
  - Chapter 5 contains the detailed process information for all 37 COBIT 5 processes in the process reference model.
COBIT 5: Enabling Processes (cont.)

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• The COBIT 5 process reference model subdivides the IT-related practices and activities of the enterprise into two main areas—governance and management— with management further divided into domains of processes:
  • The GOVERNANCE domain contains five governance processes; within each process, evaluate, direct and monitor (EDM) practices are defined.
  • The four MANAGEMENT domains are in line with the responsibility areas of plan, build, run and monitor (PBRM).
COBIT 5 Implementation
The improvement of the governance of enterprise IT (GEIT) is an essential part of enterprise governance.

Information and the pervasiveness of information technology are increasingly part of every aspect of business and public life.

The need to drive more value from IT investments and manage an increasing array of IT-related risk has never been greater.

Increasing regulation and legislation over business use of information is also driving heightened awareness of the importance of a well-governed and managed IT environment.
ISACA has developed the COBIT 5 framework to help enterprises implement sound governance enablers. Indeed, implementing good GEIT is almost impossible without engaging an effective governance framework. Best practices and standards are also available to underpin COBIT 5.

Frameworks, best practices and standards are useful only if they are adopted and adapted effectively. There are challenges that need to be overcome and issues that need to be addressed if GEIT is to be implemented successfully.

**COBIT 5: Implementation** provides guidance on how to do this.
• **COBIT 5: Implementation**
  - Positioning GEIT within an enterprise
  - Taking the first steps towards improving GEIT
  - Implementation challenges and success factors
  - Enabling GEIT-related organisational and behavioural change
  - Implementing continual improvement that includes change enablement and programme management
  - Using COBIT 5 and its components
COBIT 5 Implementation (cont.)

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COBIT 5
Future Supporting Products
COBIT 5 Product Family

COBIT 5

COBIT 5 Enabler Guides
- COBIT® 5: Enabling Processes
- COBIT® 5: Enabling Information
- Other Enabler Guides

COBIT 5 Professional Guides
- COBIT® 5 Implementation
- COBIT® 5 for Information Security
- COBIT® 5 for Assurance
- COBIT® 5 for Risk
- Other Professional Guides

COBIT 5 Online Collaborative Environment

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COBIT 5 Future Supporting Products

- Professional Guides:
  - COBIT 5 for Information Security
  - COBIT 5 for Assurance
  - COBIT 5 for Risk
- Enabler Guides:
  - COBIT 5: Enabling Information
- COBIT Online Replacement
- COBIT Assessment Programme:
  - Process Assessment Model (PAM): Using COBIT 5
  - Assessor Guide: Using COBIT 5
  - Self-assessment Guide: Using COBIT 5
COBIT 5 delivers value!

- COBIT 5 helps enterprises create optimal value from IT by maintaining a balance between realising benefits and optimising risk levels and resource use.
- COBIT 5 enables information and related technology to be governed and managed in a holistic manner.
- The COBIT 5 principles and enablers are generic – generally applicable!
- A series of publications, education and online collaboration will drive COBIT forward!