



COBIT 4.0 Overview

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- What do you know?
- What do you need to know?
- How does it make a difference ?
- How do I use it?

What do you know?

- Quick survey
 - Read COBIT 4.0 Management Guidelines?
 - Using COBIT 4.0 as a framework for IT audit?
 - IT Department using COBIT 4.0 as a framework for IT organization & performance?
- Test your knowledge quiz (with prizes!)
 - 8 questions in 8 minutes

What do you need to know?

1. IT governance is the responsibility of:
 - o Board of Directors
 - o Business executives
 - o IT Management
 - o IT Staff
2. What does COBIT provide to the corporation?
 - o Best practice approach for an IT process framework
 - o IT performance controls
 - o A measure against which to judge when things go wrong
 - o An IT audit guideline

What do you need to know?

3. Implementing an IT best practice of a governance & control framework is important because of:
 - o Increasing IT expenditures
 - o Need to meet regulatory requirements
 - o The management of IT services outsourcing and acquisition
 - o Complexity of IT risks (i.e., network security, change management)
4. The IT resources identified in COBIT are:
 - o Applications – automated user systems and manual procedures
 - o Information – data in all its forms (input, processed, output)
 - o Infrastructure – technology & facilities that enable the processing of applications
 - o People – personnel required to plan, acquire & operate information systems & services

What do you need to know?

5. COBIT 4.0 consists of 4 domains containing 34 general IT processes with:
 - o Over 400 detailed control objectives
 - o Over 300 detailed control objectives
 - o Over 200 detailed control objectives
 - o Over 100 detailed control objectives
6. The benefits of implementing COBIT as a governance framework over IT are:
 - o Better alignment, based on a business focus
 - o Better view to management of what IT does
 - o Clear ownership and responsibilities based on using a process orientation
 - o General acceptability with third parties and regulators

What do you need to know?

Answer questions 7 & 8 by circling the COBIT domain that applies. The 4 COBIT domains are:

- ❖ Plan & Organize (PO) – Strategy & tactics and the way IT can best contribute to the achievement of the business objectives
- ❖ Acquire & Implement (AI) – IT solutions need to be identified, developed or acquired, implemented & integrated into the business process
- ❖ Deliver & Support (DS) – Actual delivery or required services, management of continuity and security, supporting users, management of data, operating the facilities.
- ❖ Monitor & Evaluate (ME) – Performance management, monitoring internal controls, regularity compliance and governance.

7. In which domain are the IT processes that best answer the following:

- | | |
|--------------------------------------------------------------------|-------------|
| o Can IT controls be linked back to business goals? | PO AL DS ME |
| o Are adequate confidentiality, integrity & availability in place? | PO AL DS ME |
| o Will the new system work properly when implemented? | PO AL DS ME |
| o Are IT risks understood and being managed? | PO AL DS ME |

8. In which domain do the following IT processes reside?

- | | |
|--------------------------------|-------------|
| o Manage problems | PO AL DS ME |
| o Ensure regulatory compliance | PO AL DS ME |
| o Manage projects | PO AL DS ME |
| o Manage changes | PO AL DS ME |

How does it make a difference?

- Establishes a standard IT department framework
 - Approach, scope, staffing & performance
- Improves communication with business executives
 - IT strategy, business alignment & IT costs
- Makes IT Audits easier
 - Security, problem management & change management

How does I use it?

- Get business executives to agree with framework
 - Accept the concept & process
- Get IT management to agree with framework
 - Organize & manage using processes & control objectives
- Use framework to monitor performance
 - IT audits using COBIT 4.0

Quotes from Mark Twain

- A crank is someone with a new idea - until it catches on.
- Always do right - this will gratify some and astonish the rest.
- Humor is mankind's greatest blessing.
- One learns through the heart, not the eyes or the intellect.
- Courage is resistance to fear, mastery of fear - not absence of fear.
- The secret to success in life is to make your vocation your vacation.