Controls and Assurance in the Cloud: Using COBIT 5

The book includes a clearly defined risk assessment by cloud service model and by deployment model.

One of the most beneficial chapters of the book is on governance and management in the cloud. This information would be useful for IT managers and other senior executives. This chapter includes targeted questions and considerations about the governance and management of a cloud solution, taking into consideration benefits realization, which can assist in ensuring risk factors are considered and appropriate decisions are made to provide adequate control over the solution once it is in place.

The COBIT 5 Goals Cascade is incorporated into the book, showing links between the enterprise goals and IT goals of an organization down to relevant COBIT 5 processes, which provide a useful framework for managing the cloud by using COBIT 5.

The book’s numerous appendices provide the reader with valuable tools for conducting a cloud assurance review and a process capability assessment, and measuring the return on investment on a cloud solution. The appendices also provide cloud risk scenarios and a checklist for the board of directors to work through when considering a decision to move to the cloud.

One of the most valuable appendices in this book is on contractual provisions. This outlines

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important clauses that should exist in contracts with cloud service providers. If these clauses are not incorporated, or at least considered, during contract negotiations, then the organization could put its data at risk, and it could end up in a dispute with the parties involved in the cloud service delivery model.

Controls and Assurance in the Cloud covers all aspects related to the decision to move to a cloud model and provides a range of pertinent questions and points for executives, IT managers, business managers and auditors to consider. It is a comprehensive and well-organized book that would be of great benefit to IS auditors tasked with assessing cloud computing controls or assessing the risk involved in a move to cloud services.

Editor’s Note

Controls and Assurance in the Cloud: Using COBIT® 5 is available from the ISACA® Bookstore. For information, visit www.isaca.org/bookstore, email bookstore@isaca.org or telephone +1.847.660.5650.