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Your IT Audit and Information Security Partner

CISA Exam Preparation June 2015

*Session 3 : 24 March 2015*

*Starting around 4:45pm .....*



# Agenda

- Introductions
  - Facilitator
  - Participants
- Recap on prep expected and provisional schedule
- Self Assessment reminder
- Chapter clarifications
- Questions and answers
- Next Week
- Questions And contacts



# Introductions

- **Facilitator**
- Justin Williams B.Com, B.Compt (Hons), CA(SA), MBA, CISSP, CGEIT, CRISC, CISA
- 1<sup>st</sup> in the World, CISA Dec 2014
- Director at ITSec
- Previously Head of Risk, Security, Governance and Compliance for Transnet Group
  
- **Participants**
- Name
- Three weeks in, how are you feeling about the exam?
- How was the first Chapter (now that you have read it) ?



# Recap on Prep for Week

## (24/3/2015)

- What you need to do
  - Revise (or read/finish) Chapter 1
  - Make notes of things you don't quite understand
  - Do the sample questions
  - Flag those you get wrong, even if you know why you got them wrong
  - Arrive on time (4:45pm Tuesday 24/3/2015)
  - At ITSec offices, Forest Office 6, 15 Summit Drive, Sherwood, Durban
  - Broadcast live on Google Hangout on Air (check [j-j.co.za](http://j-j.co.za) for link)
- 
- Re-assess
  - See how things are going
  - See how all doing with the time commitment
  - Decide if continue with two weeks per chapter or cover some chapters in one week



# Provisional Schedule

10-Mar-15	Introduction (Complete)
17-Mar-15	Chapter 1 The Process of Auditing Information Systems
24-Mar-15	Chapter 1
31-Mar-15	Chapter 2 Governance and Management of IT
07-Apr-15	Chapter 2
14-Apr-15	Chapter 3 Information Systems Acquisition, Development and Implementation
21-Apr-15	Chapter 3
28-Apr-15	Chapter 4 Information Systems Operations, Maintenance and Support (Raniel Misra)
05-May-15	Chapter 4 (Raniel Misra)
12-May-15	Chapter 5 Protection of Information Assets (Raniel Misra)
19-May-15	Chapter 5 (Raniel Misra)
26-May-15	Revision
02-Jun-15	Sample Exam
09-Jun-15	Final Exam Techniques
13-Jun-15	Exam Date

*Raniel Misra : Senior Manager : Information Systems Auditing,  
Auditor General of South Africa*

***Weekend sessions have not been added yet. Consider dates***



# Self assessment : reminder

- 50 questions
- Should take an hour

<http://www.isaca.org/Certification/CISA-Certified-Information-Systems-Auditor/Prepare-for-the-Exam/Pages/CISASelfAssessment.aspx?id=1000>


Keep a copy of your answers and your results  
Can re-do after study sessions see how improved

“Model Answer” available :

<http://j-j.co.za/2015/03/solution-to-cisa-2014-self-assessment/>

**CISA Self-Assessment**

**CISA Self-Assessment**



CISA is unique in the information security credential marketplace because it is designed specifically and exclusively for individuals who have experience managing an information security program. The CISA certification measures an individual's management experience in information security situations, not general practitioner skills. Earning the CISA designation designates you as a qualified information security management professional with experience and knowledge managing, designing and overseeing an enterprise's information security.

ISACA has prepared the CISA self-assessment to help CISA exam candidates assess their knowledge of the CISA job practice areas and determine in which information security areas they may have strengths and weaknesses. This self-assessment contains 50 sample items covering the appropriate proportion of subject matter to match the CISA exam blueprint. The items are not actual CISA exam items, but are representations of items that have appeared on the exam. Note that this self-assessment is not a substitute for the actual exam; our sites the result of the self-assessment test guarantee or indicate future individual success. For additional exam-detail coverage, review each area's task and knowledge statements.

This 50-question self-assessment is one of many tools that you can use to help prepare for the CISA exam.

**Tips for taking the CISA Self-assessment :**

- If you don't know the answer to a question, do not guess; instead, skip the question to do not to bias your results. Unanswered questions will be counted as missed to give you a better indication for your areas of weakness.
- Practice answer the questions in sequence.
- After you complete the test, select "Check My Score" to receive your assessment results. Your results will consist of the percent correct in each exam content area.
- You can retake the CISA self-assessment as many times as you wish. However, before retaking the test, it is recommended that you review your prior results to study and learn more about the areas in which you were weakest. This process will help with obtaining a more accurate of your competency in the different subject areas.
- After you have completed the assessment please take a moment to answer the survey questions. ISACA requests your feedback on this self-assessment.

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Enter your name below so it displays on the quiz results page:

Name: \_\_\_\_\_

1. A legacy payroll application is migrated to a new application. Which of the following stakeholders should be **PRIMARILY** responsible for reviewing and signing-off on the integrity and completeness of the data before going live?

- A. IT auditor
- B. Database administrator
- C. Project manager
- D. Data owner

2. Upon receipt of the initial signed digital certificate the user will decrypt the certificate with the public key of the:

- A. registration authority (RA)
- B. certificate authority (CA)
- C. certificate repository
- D. receiver

3. An IT auditor discovers that devices connected to the network have not been included in a network diagram that had been used to develop the scope of the audit. The chief information officer (CIO) explains that the diagram is being updated and awaiting their approval. The IT auditor should FIRST:

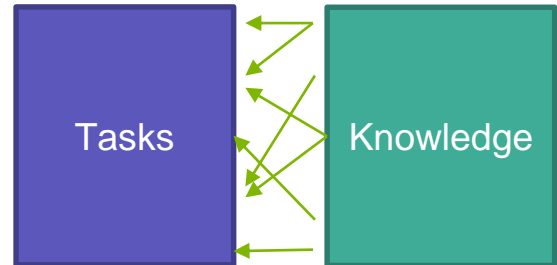
- A. expand the scope of the IS audit to include the devices that are not on the network diagram
- B. evaluate the impact of the unaccounted devices on the audit scope
- C. note a control deficiency because the network diagram has not been updated
- D. plan follow-up audits of the unaccounted devices



# Chapter 1 Overview

Refer to last week's slides & YouTube recording

- Task statements
- Knowledge Statements



## Primary Content

- 1.2 Management of the IS Audit function (3 pg)
- 1.3 ISACA IS Audit and Assurance Standards and Guidelines (10.5 pg)
- 1.4 Risk Analysis (1.5 pg)
- 1.5 Internal Controls (3 pg)
- 1.6 Performing an IS Audit (14 pg)
- 1.7 Control Self-assessment (2 pg)
- 1.8 The evolving IS Audit Process (2.5 pg)
- 1.9 Case Study (and 1.10 answers) (2 pg)



# Chapter 1 Clarifications

- Specific issues raised by participants
- Raised last week
- Cross references to a lot of other documents, do we need to read all of these
- *Make a list of all the documents, once you are finished the contents of the study guide and questions, then come back to these other documents*
- Lots of terms that don't understand
- *Highlight them in the study guide, add them to a glossary of terms*
- *Discuss in the study sessions, note the definitions*
- *Revise just before the exam*
- Key area discussed
- Sampling arose often as an area of concern





# Ch1 : Questions and Answers

- Which questions did the participants cover in the week?
- Which ones did you get wrong, lets discuss



# Prep for Week 1 of Chap2

## (31/3/2015)

<i>Dom</i>	<i>Description</i>	<i>%</i>	<i>Start</i>	<i>End</i>	<i>Pages</i>	<i>Marks/Page</i>
1	The Process of Auditing Information Systems	14%	29	62	33	0,42
2	Governance and Management of IT	14%	78	124	46	0,30
3	Information Systems Acquisition, Development and Implementation	19%	141	219	78	0,24
4	Information Systems Operations, Maintenance and Support	23%	234	290	56	0,41
5	Protection of Information Assets	30%	306	375	69	0,43



# Prep for Week 1 of Chap2

## (31/3/2015)

- What you need to do
- Read Chapter 2 (aim for the whole chapter), 46 pages
- Make notes of things you don't quite understand
- Do the sample questions (aim to do at least 20 questions)
- Flag those you get wrong, even if you know why you got them wrong
- Arrive on time (4:45pm Tuesday 31/3/2015)
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# Questions and Contacts

## Questions ?

Justin Williams

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Copies of slides :

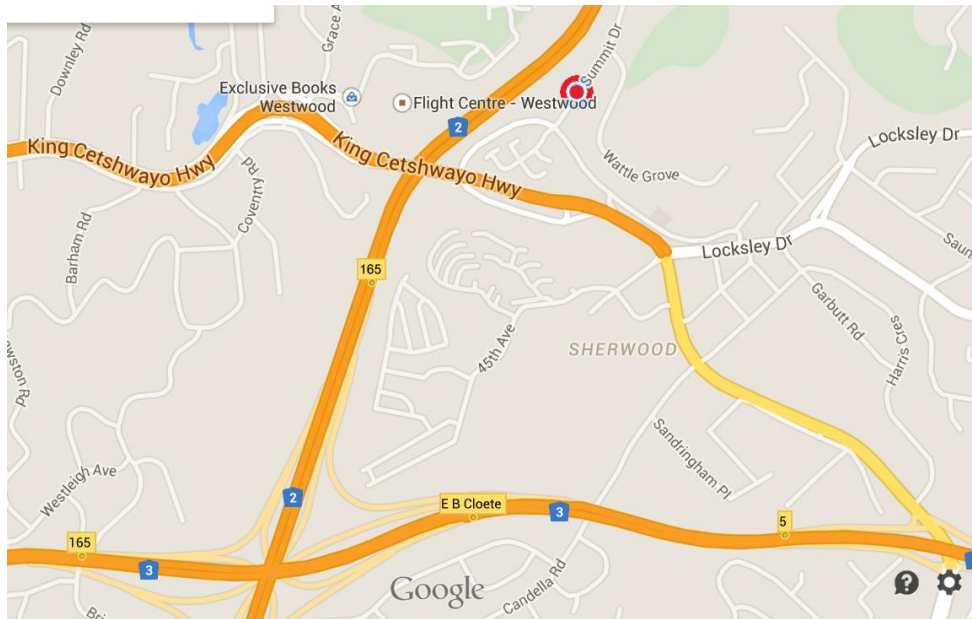
[www.j-j.co.za](http://www.j-j.co.za)

[www.itsec.org.za](http://www.itsec.org.za)



# Location of ITSec

Forest Office 6  
15 Summit Drive  
Sherwood  
Durban



# Extra material

## **Study Materials**

ISACA has prepared a variety of study resources in various languages to fully prepare for your CISA Exam. These include primary references, publications, articles, the ISACA Journal and other links.

## **Online Learning**

ISACA eLearning Campus offers a variety of online learning courses for certification exam preparation and continuing professional education.

## **Review Courses**

ISACA chapters in numerous countries offer CISA Review courses. View the Review Course list to determine if there is a course in your area, or contact your local chapter for additional courses. There will be courses in Durban, CapeTown & Jhb if demand exists.

## **Exam Preparation Community**

ISACA created the CISA exam preparation community as a place for current CISA exam registrants to collaborate and study with other registrants within the ISACA environment.

## **Free online CISA Course**

Cybrary has just launched a CISA online course, its free <http://www.cybrary.it/>

