

Implementing Information Security

based on

ISO 27001 and ISO 27002

This interactive 2 day course provides an introduction to the ISO/IEC 27001:2005 and ISO/IEC 27002:2007 (formerly ISO/IEC 17799 / BS 7799) international standards for information security.

The course presents a straightforward and logical approach to developing, implementing and maintaining your Information Security Management Process and Systems.

The course guides its participants through the Information Security Process and provides detailed guidance on how to effectively design, plan and implement this process and the related Information Security Management Systems (ISMS). Additionally it provides practical direction to prepare for a security audit and to enforcing compliance.

Auckland

18-19 September 2008

Wellington

16-17 September 2008



in association with

Lucid IT

www.alctraining.co.nz

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Learning Method

This course is conducted as an instructor-led workshop and includes a combination of lectures and exercises. Each delegate will receive the book *Implementing Information Security based on ISO 27001 & ISO 17799* (ISBN: 9789077212783), the course notes, and a certificate of attendance.

Prerequisite

A basic knowledge of information systems, security and management processes

In-House Training

This course is available for private presentation, either on your own premises or 'off-site'. There are many advantages to in-house training. Please contact ALC for a quotation and to discuss your requirements.

Telephone 0800 540 161 or email learn@alctraining.co.nz

Who Should Attend?

This course will be beneficial for anyone who is looking for the details of the ISO/IEC 27001:2005 and 27002:2007 standards, including:

- Staff responsible for Information Security Management or implementation of ISO/IEC 27001 and/or ISO 27002
- Information Security Managers
- IT managers responsible for delivering or running critical business information systems
- IT consultants advising clients on security matters
- Information Service Provider (ISP) staff responsible for security issues.
- Security Managers, Auditors, Project Managers, Operations Managers and Business managers

What You Will Learn

This course will enable delegates to:

- Understand the requirements of the ISO/IEC 27001:2005 and ISO/IEC 27002 standards
- Practical techniques for designing and implementing an ISMS
- Detail explanations of the ISO/IEC 27001:2005 ISMS components and the improvement cycle
- Understand the necessary skills to design, implement, maintain and audit an effective ISMS
- Assess an organisation's information security needs against ISO/IEC 27002:2007 and ISO/IEC 27001:2005

In addition the course will have hands-on activities in which delegates will have the opportunity to undertake practical exercises with the intention of formulating practical documents that can be used in their business, including:

- Information Security policy
- Identification of information assets and their value
- Determination of risk and impacts
- Identification of control objective and controls
- Risk Analysis and Risk Treatment Plan
- Statement of Applicability (SOA)
- Completion of ISMS documentation requirements
- Production of a ISMS Project Implementation Plan

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The course will cover the following topics:

1 Information Security Introduction

- Introduction to Information Security Management (ISM)
- Information Security Focus
- ISM Benefits

2 Security Standards and Best Practices

- Introduction to Security Standards and Best Practices and their purpose:
 - ASCII 33 - Ensures minimum standard for government ICT security
 - ISO 27001:2005 - Defines the ISMS requirements
 - ISO 27002 (ISO 17799:2005) - Defines a code of best practices for the management of information security
 - AS 8001:2003 - Control of fraud and corruption
 - AS/NZS 4360:2004 - Risk Management
 - SABSA - "best practice" method for delivering information security solutions to enterprises
 - CobiT - Control Objectives for Information and related Technology
 - ITIL - The IT Infrastructure Library
 - SOX - Sarbanes-Oxley
 - Prince2 - PProjects IN Controlled Environments, v2

3 The ISO 27001 and 27002 Standards

- ISO 27000 series
- Overview ISO/IEC 27001
- Overview ISO/IEC 27002 (ISO 17799:2005)
- Control Objectives and Controls
- Technology

4 Information Security Process

- Process approach
- Implementation of an ISMS
- The 'Plan - Do - Check - Act Model'

5 The 6 Steps of the Plan Phase:

- Scope
- Policy
- Assess Risk

- Treat Risk
- Control Objectives
- Statement of Applicability

6 Audit Readiness and Preparation

- The Security Audit Process
- Strategic, Tactical and Operational documents
- Reasons for Non-Implementation
- Audit Process

7 Enforcing Compliance

- Reasons for Enforcing Compliance
- Policy Compliance Reviews
- Policy Compliance Vs Vulnerability Assessments
- Survival Tactics

8 Organisational Change Challenge

- Service Culture Barriers
- Management Effort

9 Realising the Benefits

- IT Security Management Benefits
- Advantages of implementing ISO 27001 and 27002
- Critical Success Factors

Course Presenter



This course is presented by ALC Training in association with Lucid IT, the region's largest provider of professional management, consulting and educational services specialising in the "best practice" methodologies PRINCE2, ITIL and COBIT. Lucid IT brings to bear extensive and impressive project management experience in both the corporate and government sectors.

ITIL Foundation Certification

This 3-day 'flagship' course is the ideal starting point for anyone interested in ITIL. It provides a comprehensive insight into all ITIL processes and leads to the Foundation Certificate in IT Service Management

ITIL Practitioner Certification

These 5-day practitioner courses provide a powerful and practical alternative to the previously separate Practitioner Modules. Achieve your Practitioner certificate in Release and Control, Support and Restore, Plan and Improve, or Agree and Define.

ITIL Manager's Certification

This program comprises 4 modules over 12 intensive days and is designed to ensure that participants truly master ITIL. It leads to the Manager's Certificate in IT Service Management, the premium service management qualification in the world today.

PRINCE2 Foundation & Practitioner Certification

The 5-day program comprises a 3-day Foundation course and 2-day Practitioner Preparation Course, which can be taken together or separately. The program provides participants with an extended theoretical and practical knowledge to ensure project delivery is on time, on budget and of high quality.

COBIT Foundation Certification

This 3-day course provides participants with a comprehensive understanding of the COBIT IT governance and control framework. Participants will understand all components of the COBIT Framework, both at a general conceptual level, which leads to the COBIT Foundation Certificate.

SABSA Foundation & Practitioner Certification

SABSA is the internationally-acclaimed 'best-practice' framework for delivering cohesive information security solutions to business and government. SABSA is to security management what ITIL is to service management or PRINCE2 is to project management.

CISM

This 5-day program leads to the fastest growing and arguably the most prestigious qualification available for Information Security managers today. Presented by international security expert Krag Brotby, lead-author of the official ISACA CISM Review Manual.

CISSP

This 5-day program leads to one of the most sought-after security certifications available today. The course provides a comprehensive coverage of the material required in CISSP as well as thorough preparation for the actual (ISC)² exam.

HOW TO REGISTER

1. Register Online
www.alctraining.co.nz
2. Send your details by email
learn@alctraining.co.nz
3. Fax the Enrolment Form below to:
Fax: 0800 540 162
4. Any queries please call Customer Service
Tel: 0800 540 161
5. Post the completed Enrolment Form to:
ALC Training Pty Ltd
Level 20, ASB Bank Centre,
135 Albert Street, Auckland

COURSE DETAILS

FEES: (per delegate) **NZ\$**
Implementing Information Security based on ISO 27001 and ISO 27002 **1470 + GST**

DATES:
Auckland 18-19 September 2008
Wellington 26-17 September 2008

VENUE: The course will be held at a high quality centrally-located hotel. Full details will be on your confirmation letter and can also be found on our web site.

COURSE INFORMATION: The course is held from 9.00am to 5.00pm and registration is from 8.30am. Fees include lunch, refreshments and all course materials.

TERMS and GUARANTEE: To ensure your admission to the course, fees are payable in advance. To guarantee your satisfaction we offer a money-back or full credit policy. Details will be on your confirmation letter and our website. Cancellations with full refund will be accepted up to 5 working days before the course. After that time no refunds can be given, but substitutions may be sent at any time.

ENROLMENT FORM - Implementing Information Security



ALC Training is a leading provider of quality IT training for business and government in the Asia-Pacific region. ALC courses are held in Australia, Hong Kong, Malaysia, New Zealand and Singapore. ALC specialises in the three leading best-practice frameworks: ITIL for IT Service Management, PRINCE2 for Project Management and SABSA for Security Management. ALC has no affiliations with vendors of software or hardware and provides completely independent unbiased education.

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