



Tech Day Presentation

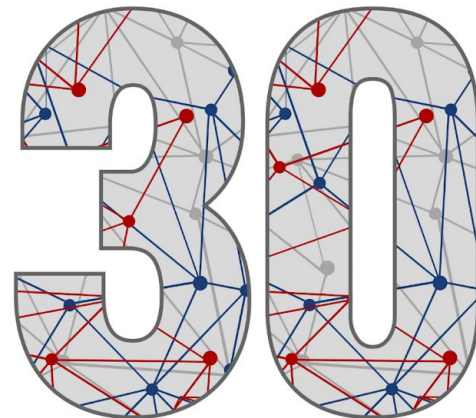
ISO/IEC 27001:2022 The Journey to Certification

10 June 2024 (ICANN 80)

Kigali, Rwanda

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CO.ZA



YEARS

POWERED BY ZARC

Introduction

- **Who is ZARC**
 - ZA Registry Consortium est. 2022
 - Collaboration between ZACR and Domain Name Services (Pty) Ltd
 - Appointed by ZADNA in 2022 to administer and manage co.za, org.za, net.za and web.za (1,37 million)
- **Why ISO/IEC 27001:2022 Accreditation**
 - Increase in Cyber-Attacks
 - Regulatory requirements
 - Regulator SLA requirements
- **ISO/IEC 27001:2022 Focus Areas**
 - Organisational Controls
 - Physical Controls
 - Technological Controls
 - Human Resource Controls

Objectives

- **Information Security Management**
 - Establish a systematic approach to managing sensitive company and client (registrar and registrant) information
 - Protect Information confidentiality, integrity and availability
- **Risk Management**
 - Identification of potential risks and vulnerabilities
 - Implement Risk management strategies to mitigate the risks
- **Regulatory Compliance**
 - South African Protection of Private Information Act
 - EU General Data Protection Regulation
 - EU Network and Information Security Directive
- **Continuous Improvement**
 - Foster a culture of continuous improvement
 - Regular internal reviews and updates
 - Annual Certification Process

Certification Journey

- **Establish the ISMS**
 - Inclusive approach for all existing systems to the Information Security Management System
- **Certification Requirements**
 - Human Resources
 - Clearly defined team
 - Commitment from Executive, Management and Staff
 - Time, budget and skills
 - Systems and Tools
 - Software and hardware, physical infrastructure
 - Establish Policies, Procedures and Controls
 - Defined in clear, widely understood and easy to act on policies, procedures and controls.

Certification Journey Continued

- **ISMS Implementation**
 - Staff communication and engagement
 - live and breathe ISMS
 - Supply chain management
 - Ensure Suppliers meet ISMS requirements
 - Certification Requirements
 - Identify accredited independent certification body
 - Ongoing operation and improvement
 - Meet constant new information security challenges
 - Industry Body Participation including but not limited to
 - ISPA
 - ICANN

Benefits

- **Enhanced Security Profile**
 - Robust Protection against data breaches, cyberattacks and other security threats
 - Minimise Risk of financial loss, reputational damage
- **Competitive Advantage**
 - Increased Trust
 - Demonstrate commitment
 - Safeguarding information and enhancing company reputation
- **Regulatory Compliance**
 - ZADNA, POPIA & GDPR
 - Reduced risk of penalties and fines

Benefits Continued

- **Operational Efficiency**

- Clear Policies, Procedures and Controls
- Defined Roles and Responsibilities
- Improved Procurement and Asset Management (Stringent supplier management)
- Business Impact Analysis (Reduced downtime and disruptions due to effective risk management)
- Well Defined Business Continuity and Disaster Recovery Procedures

- **Continuous Improvement**

- Encourages ongoing evaluation and enhancement of security practices
- Continuous Awareness and Training of Staff
- Adapt to evolving threats and changes in the business environment

Challenges Encountered

- **Resource Allocation**
 - Time, financial & human resources
- **Management Commitment**
 - Executive leadership is required
- **Organisational Culture**
 - Culture will have strategy for breakfast, lunch and dinner
- **Complexity and Scope**
 - Determining what assets need protection
- **Documentation and Process Development**
 - Time consuming
- **Risk Assessment**
 - Identification and evaluating risks

Challenges Encountered Continued

- **Integration with Existing Systems**
 - Should complement rather than conflict with existing systems
- **Continuous Improvement**
 - Regular Monitoring, Reviews and improvement of information security systems
- **Employee Training and Awareness**
 - Ongoing training and awareness
- **External Audits and Certification**
 - Ensure full compliance
 - Readiness for scrutiny by auditors
- **Adapting to Changing Threat Landscape**
 - Security landscape is constantly changing
- **Balancing Security and Usability**
 - Avoid operational hinderance
 - Security without restricting productivity

The Sancert logo consists of a red arrow pointing up and to the left, and a black arrow pointing down and to the left.

SANCERT CERTIFICATE

This is to certify that

ZA REGISTRY CONSORTIUM (ZARC)

Address

**COZA House
Corporate Park South
Midrand
1685**

Has been audited & certified against the following standard

ISO/IEC 27001:2022

Scope of supply

***Provide specialist domain registry services for
domain name registrations and related services.***

202312008	22/12/2023	21/12/2024
Certification No	First Issue Date	Valid Until

INFORMATION SECURITY

A handwritten signature in black ink that reads "Behrens".

Issued on Behalf of Sancert



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Q & A
Thank You

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