The Standardization and Business Resilience, ISO 22301:2019

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08 September 2021

Business Continuity ● **Enterprise Risk** ● **Disaster Recovery** ● **Crisis Management**

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More than 25 years of experience in Business Continuity, IT-Disaster Recovery & Crisis Management

**Technical Expert** for Business continuity / Resilience for TC292

CREDENTIALS

- Chairman, Business Continuity Institute Asia Chapter
- Vice President, RIMAS
- ISO 22301:2019 Technical Expert Group, ISO Committee
- ISO22313 Task Group Member, SPRING Singapore
- Certified Management Consultant, PMC
- Chairman, IAEM (US) Asia Chapter
- Certified ISO22301 Lead Auditor (ANSI)
- ISO 31000 Certified Lead Risk Manager, PECB
- Certified Trainer (ACTA) by WDA Singapore
- Approved Trainer by BCI, PECB, EXIN
- Member of UNISDR, Private-Public Partnership for Disaster Management

Agenda

1   Background for ISO22301:2019

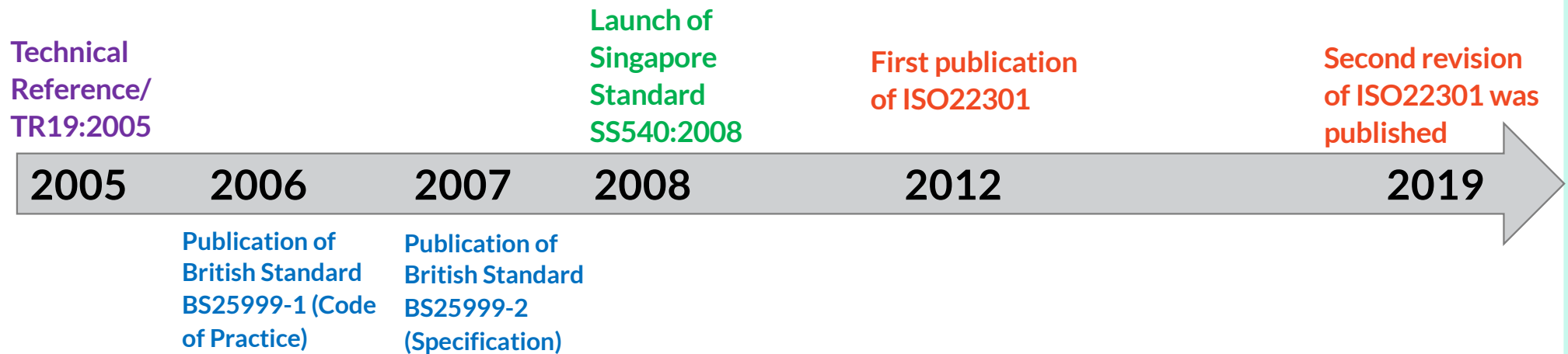**2**   Introduction to Business Continuity

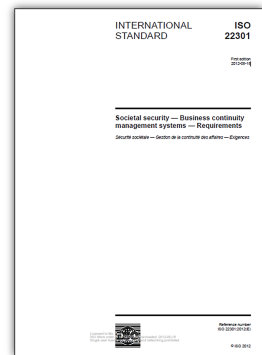**3**   Q&A
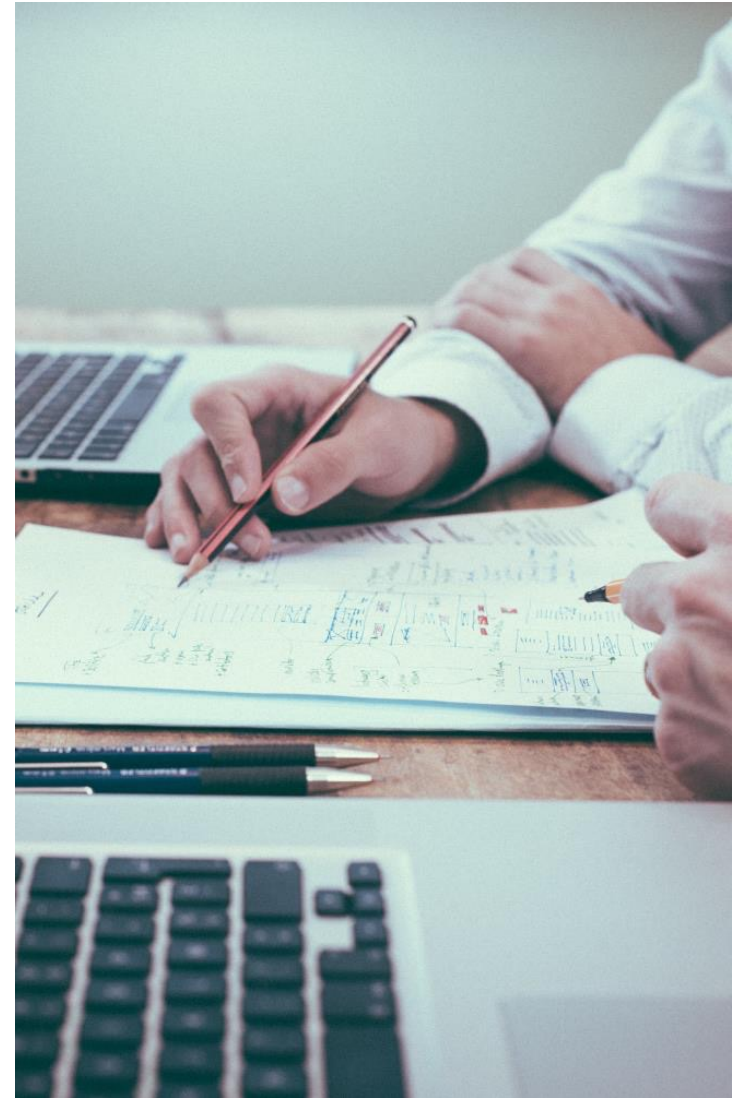
Background for ISO22301
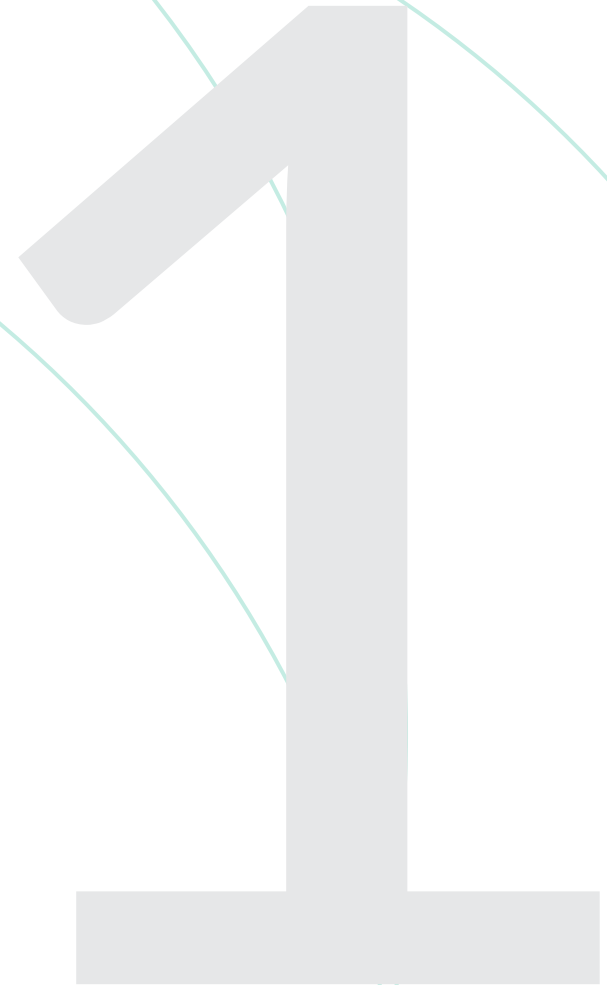
ISO22301 Transition

ISO22301 is the leading international standard used by organisations to ensure business continuity in case of disruptive events. After 7 years, the 2012 revision is replaced by the ISO 22301:2019 revision.

Technical Reference/ TR19:2005

Launch of Singapore Standard SS540:2008

First publication of ISO22301

Second revision of ISO22301 was published

| 2005 | 2006 | 2007 | 2008 | 2012 | 2019 |

Publication of British Standard BS25999-1 (Code of Practice)

Publication of British Standard BS25999-2 (Specification)

ISO22301 Transition Process

Final Standard expected to publish in Oct 2019

Final draft released (ISO/FDIS 22301) in July 2019

ISO 22301 first published in 2012

Feedback, revisions and voting process

TRANSITION

Changes within business continuity management discipline and business environment

Transition Background

ISO 22301 - one of the first ISO standards that adopted the High Level Structure (HLS); a unified structure and core text for all ISO management system standards

Has a strong foundation that now aligns with other internationally recognised management system standards such as ISO 9001 quality management and ISO/IEC 27001 information security management

Rather than rewriting the whole standard, the working group focused on the wording and the clarity

Introduction to Business Continuity

Crisis Perpetually Appearing

Tuas Industrial Fire Singapore (Feb 2021)

COVID-19 Pandemic Flu Worldwide (2019 - Current)

Cybersecurity Incidents Worldwide (2020 - Current)

Myanmar Protest (2021)

Floods in Johor and Pahang, Malaysia (2021)

Risk Comparison 2020-2021 VS 2021-2022

	TOP 10 RISK COMPARISON	
	2020-2021	**2021-2022**
1	Non-occupational disease; pandemic	Non-occupational disease; pandemic
2	Health Incident; occupational disease, mental stress	Cyber Attack & Data Breach ↑
3	Safety Incident; injury, fatality	IT/Telecom Outage ↑
4	IT/Telecom Outage	Regulatory Changes ↑
5	Cyber Attack & Data Breach	Extreme Weather ↑
6	Extreme Weather (floods, freezes, storms)	Critical Infrastructure Failure ↑
7	Lack of Talent/Skills	Supply Chain Disruption ↑
8	Supply Chain Disruption	Health Incident; occupational disease, mental stress ↓
9	Regulatory Changes	Lack of Talent/Skills ↓
10	Interruption to Utility Supply	Natural Disasters (quakes, tsunami, etc) ↑

With reference from BCI Horizon Scan Report 2021

No of respondents: 365, 59 countries

Business Continuity Management System (BCMS)

Business Continuity is the capability of an organisation to continue the delivery of products and services within acceptable time frames at predefined capacity during a disruption.

(ISO22301:2019, Clause 3.3)

Business Continuity Management System (BCMS) is a system that develops business continuity appropriate to the amount and type of impact that the organisation may or may not accept following a disruption.

INTRODUCTION

Plan for the **consequences** of losing these **KEY RESOURCES**

Equipment

Premises

HQ
Offices
Factories
Warehouses

Supply Chain

Data

Employees

Why is there a need for Business Continuity
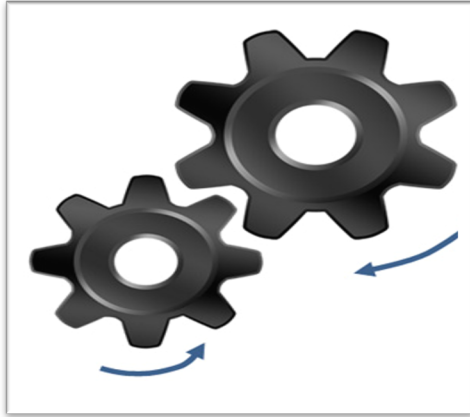
Assure continuity & resilience of organisation services & Ensure regulatory compliance

Maintains the delivery of services to the clients which cannot be allowed to fail.

Build confidence and trust with stakeholders

Increase the confidence of the customers over the organization's capability.

Good Corporate Governance & Gain favorable corporate image

Customers prefer your product and service, leading to increase in demand.

Why is there a need for Business Continuity

Employing business continuity over time supports:

Reduction of the cost of response
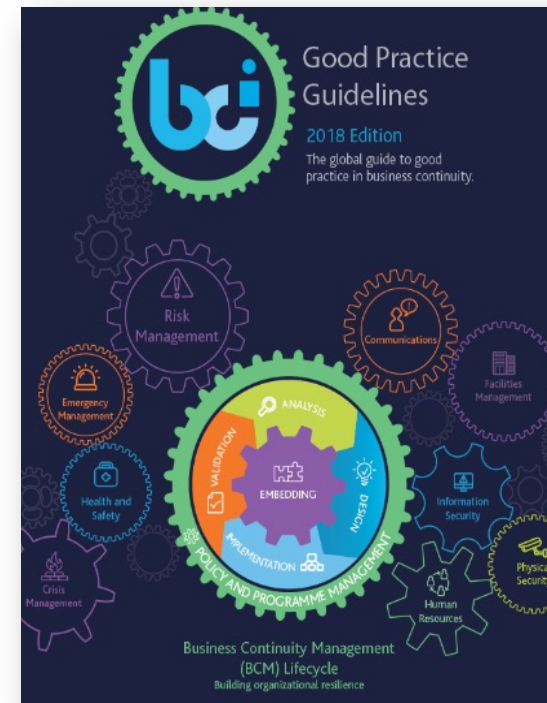
Improvement of employee morale

Customer Retention

Implement Business Continuity Using
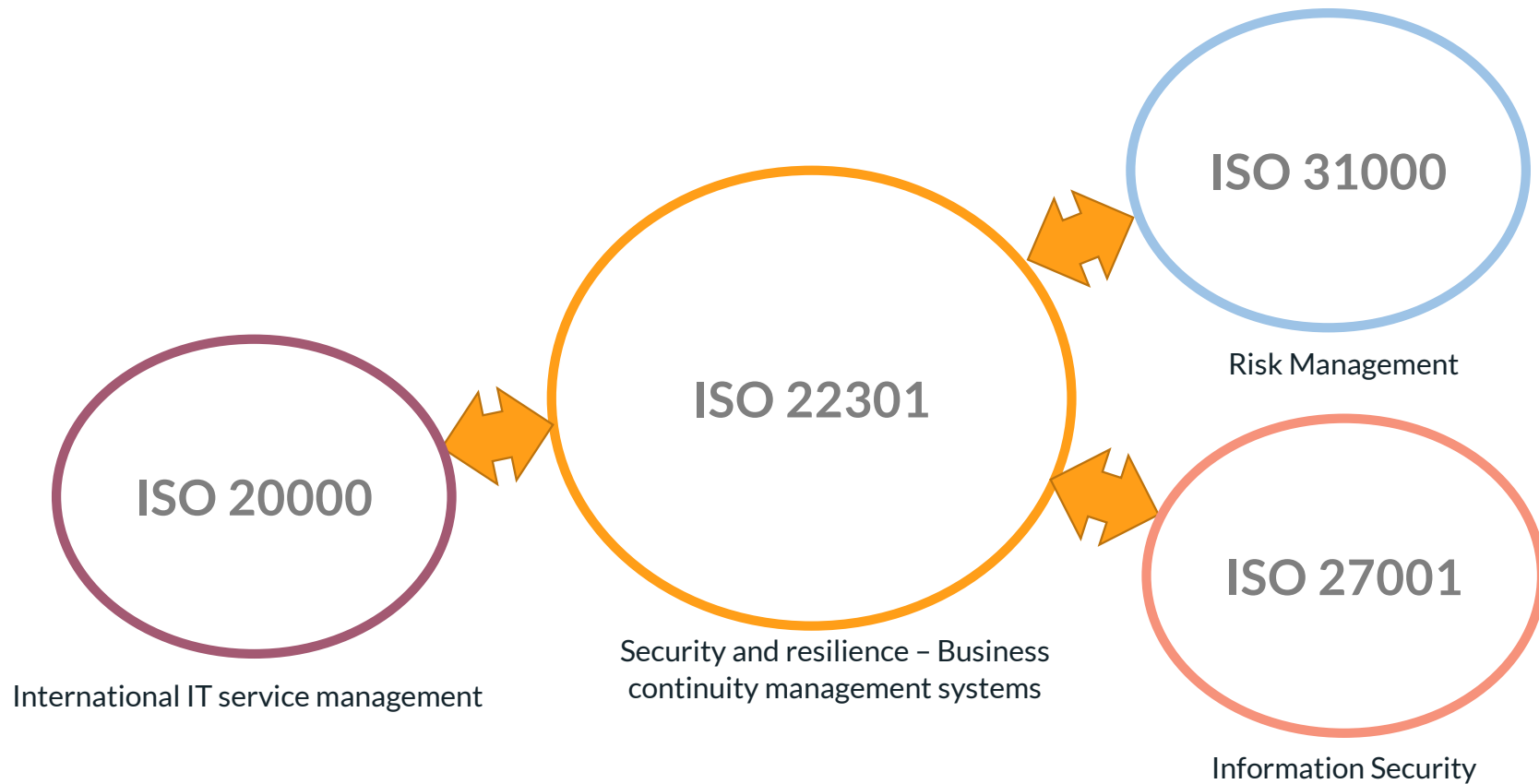# International Standards & Good Practice Guidelines
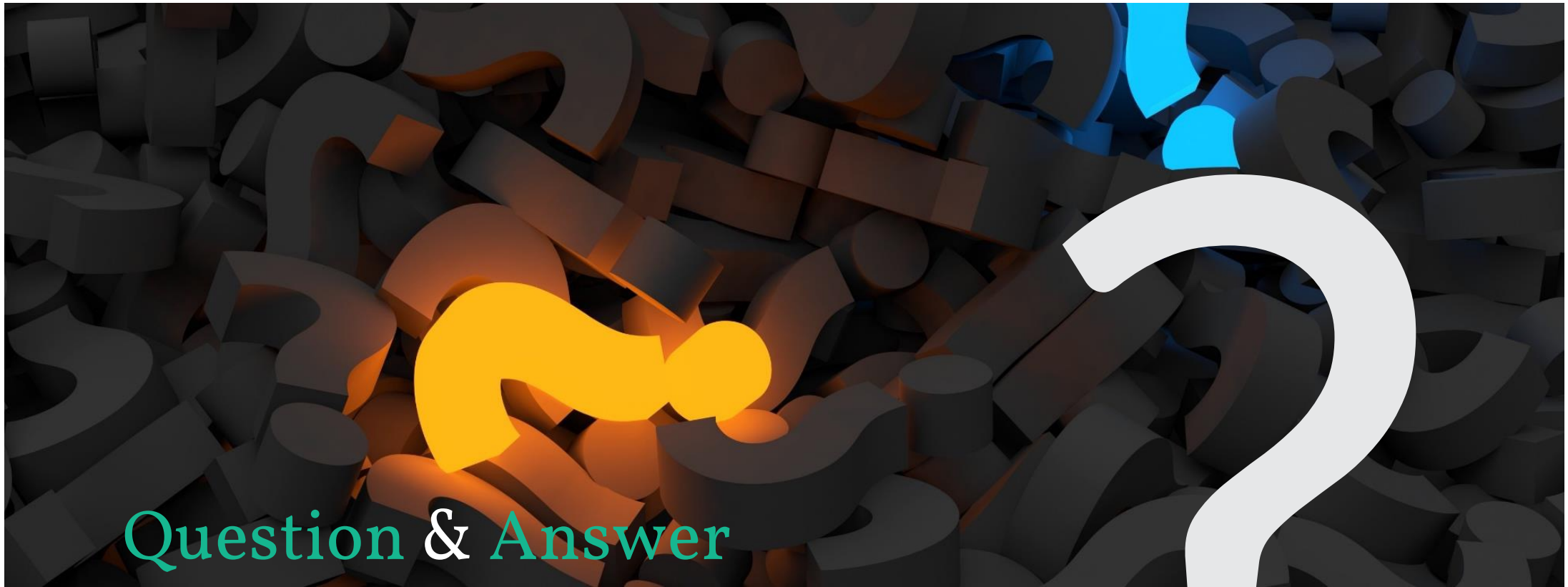

To Audit the BCMS:
ISO22301:2019

To Implement the BCMS:
BCI Good Practice Guidelines

Alignment with Other ISO Standards

ISO 31000

Risk Management

ISO 22301

ISO 20000

International IT service management

Security and resilience – Business continuity management systems

ISO 27001

Information Security

Business Continuity is <u>Everyone's</u> Responsibility

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Question & Answer

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