การเตรียมพร้อม เพื่อปรับสู่ New Version ISO/IEC 27001:2022 (Step by Step of New Version ISO/IEC 27001:2022)

โดย สถาบันมาตรฐานอังกฤษ (BSI)

Discussion Items

- Overview ISO/IEC 27001:2022

- Step by Step to New Version

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Overview ISO/IEC 27001:2022

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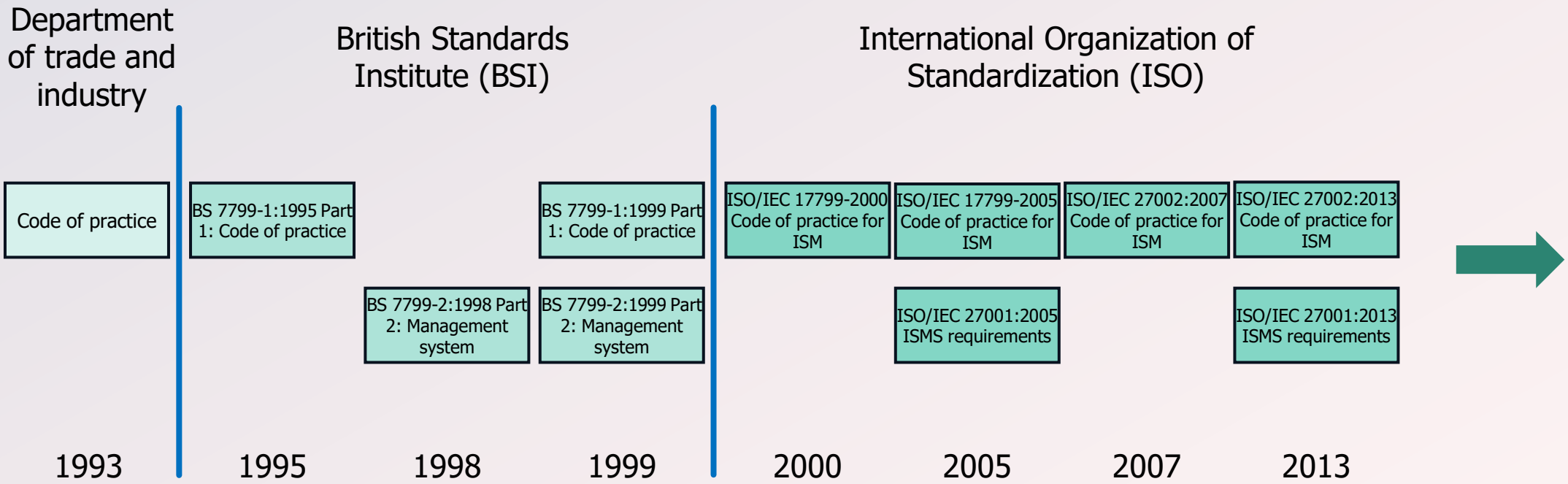
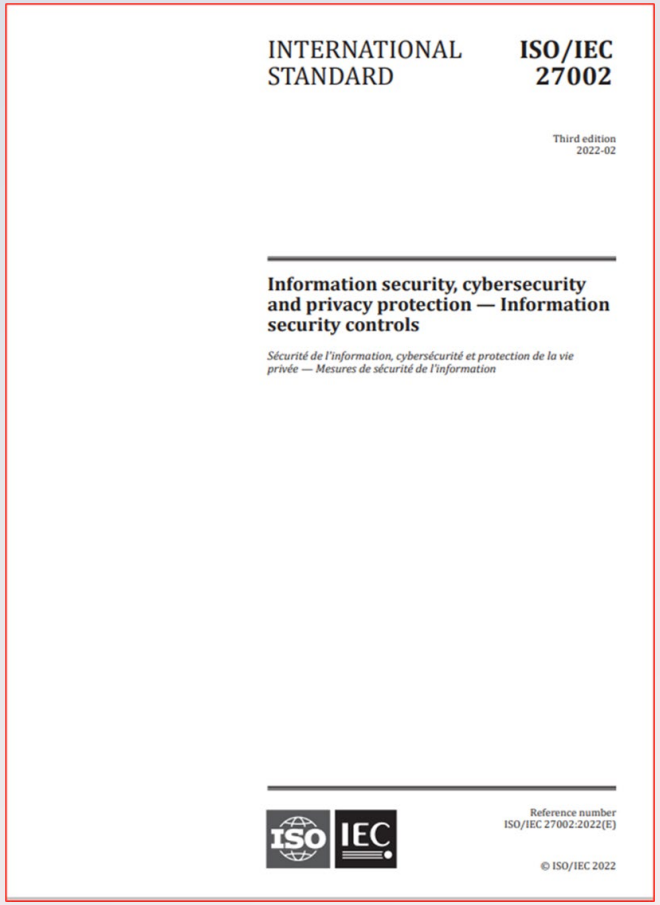
History of ISO/IEC 27001 and ISO/IEC 27002

BS 7799 to ISO/IEC 27001



New Chapter of ISO/IEC 27001 and ISO/IEC 27002 (Y 2022)



INTERNATIONAL STANDARD

ISO/IEC 27002

Third edition
2022-02

Information security, cybersecurity and privacy protection — Information security controls

Sécurité de l'information, cybersécurité et protection de la vie privée — Mesures de sécurité de l'information

Reference number
ISO/IEC 27002:2022(E)

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February 2022

ISO/IEC 27001:2022 Information security, cybersecurity and privacy protection - Information security management systems - Requirement

September 2022

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ผลกระทบของการเปลี่ยนแปลง ISO/IEC 27002 ต่อ ISO/IEC 27001

ISO/IEC 27001
Information Security Management System requirement

For the assessment and treatment of information security risks tailored to the needs of the organization

Information Security Control
Annex A (A5-A18)

ISO/IEC 27002
Code of practice for information security controls

Information Security control
Practice
Requirement 5 – 18

Changed

ISO/IEC 27002

Information security, cybersecurity and privacy protection — Information security controls

Version 2022

Changed in Security control

Overall Change in ISO/IEC 27001:2022 (FDIS)

- Change to "Information security, cybersecurity and privacy protection — Information security management systems — Requirements
- Minor change wording in requirement
- Adjust requirement – 9.2 (9.2 -> 9.2.1 to 9.2.2)
- New requirement **6.3 Planning of changes**
- Annex A – Main change. It is followed to ISO/IEC 27002:2022.
- - There are 93 controls

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Example of Annex A

Annex A
(normative)

Information security controls reference

The information security controls listed in Table A.1 are directly derived from and aligned with those listed in ISO/IEC 27002:2022[1], Clauses 5 to 8, and shall be used in context with 6.1.3.

Table A.1 — Information security controls

A.5	**Organizational controls**	
A.5.1	Policies for information security	**Control** Information security policy and topic-specific policies shall be defined, approved by management, published, communicated to and acknowledged by relevant personnel and relevant interested parties, and reviewed at planned intervals and if significant changes occur.
A.5.2	Information security roles and responsibilities	**Control** Information security roles and responsibilities shall be defined and allocated according to the organization needs.
A.5.3	Segregation of duties	**Control** Conflicting duties and conflicting areas of responsibility shall be segregated.
A.5.4	Management responsibilities	**Control** Management shall require all personnel to apply information security in accordance with the established information security policy, topic-specific policies and procedures of the organization.
A.5.5	Contact with authorities	**Control** The organization shall establish and maintain contact with relevant authorities.

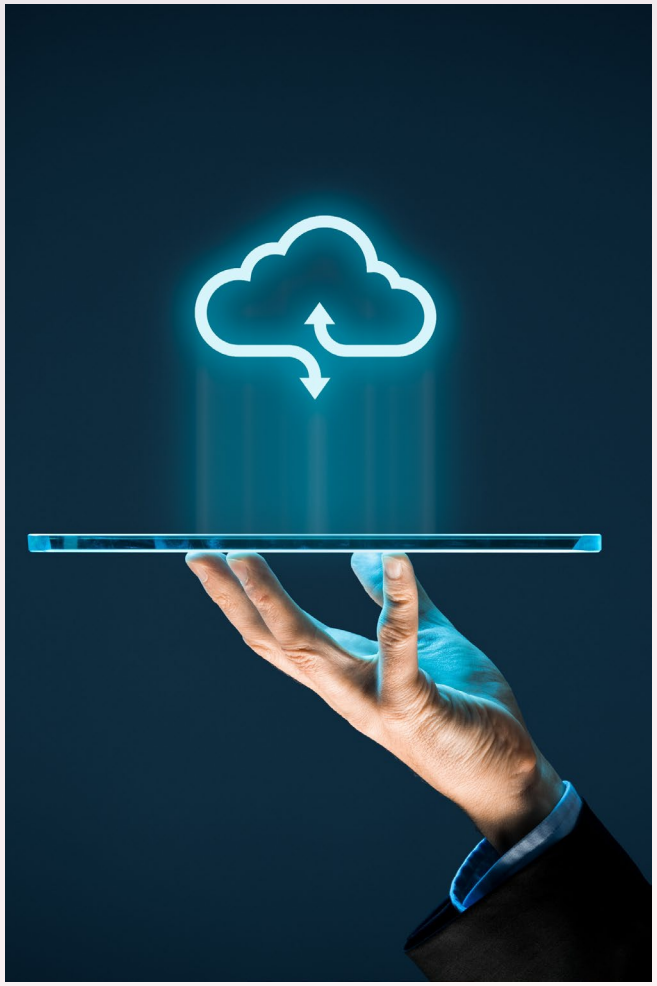
Overall Change in ISO/IEC 27001:2022 (FDIS) – Annex A

A.5 Organizational controls - 37 controls, 37 controls, 34 existing, 3 new

A.5.7 – Threat intelligence

A.5.23 – Information security for use on cloud services

A.5.30 – ICT readiness for business continuity



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Overall Change in ISO/IEC 27001:2022 (FDIS) – Annex A

A.6 - People controls - 8 controls, all existing

A7- Physical controls - 14 controls, , 13 existing, 1 new

A.7.4 – Physical security monitoring

Overall Change in ISO/IEC 27001:2022 (FDIS) – Annex A

A.8 – Technological controls - 34 controls

A.8.9 – Configuration management

A.8.10 – Information deletion

A.8.11 – Data masking

A.8.12 – Data leakage prevention

A.8.16 – Monitoring activities

A.8.23 – Web filtering

A.8.28 – Secure coding

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Step by Step to New Version

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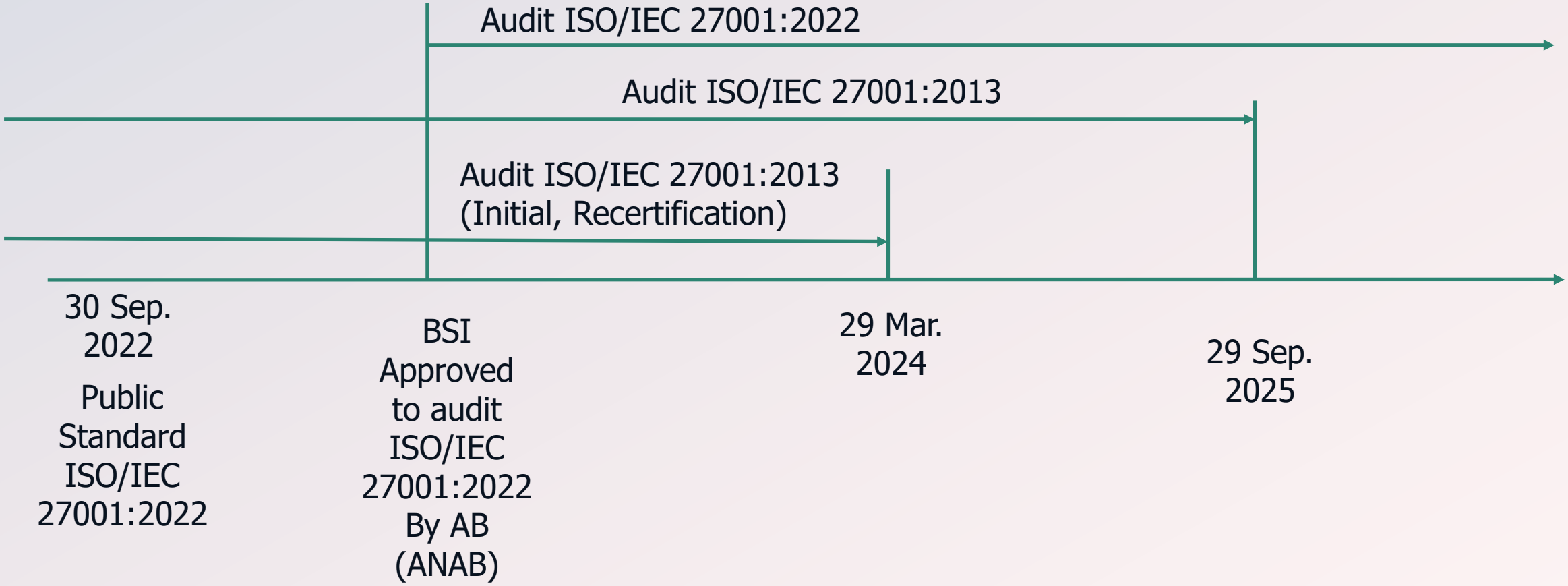
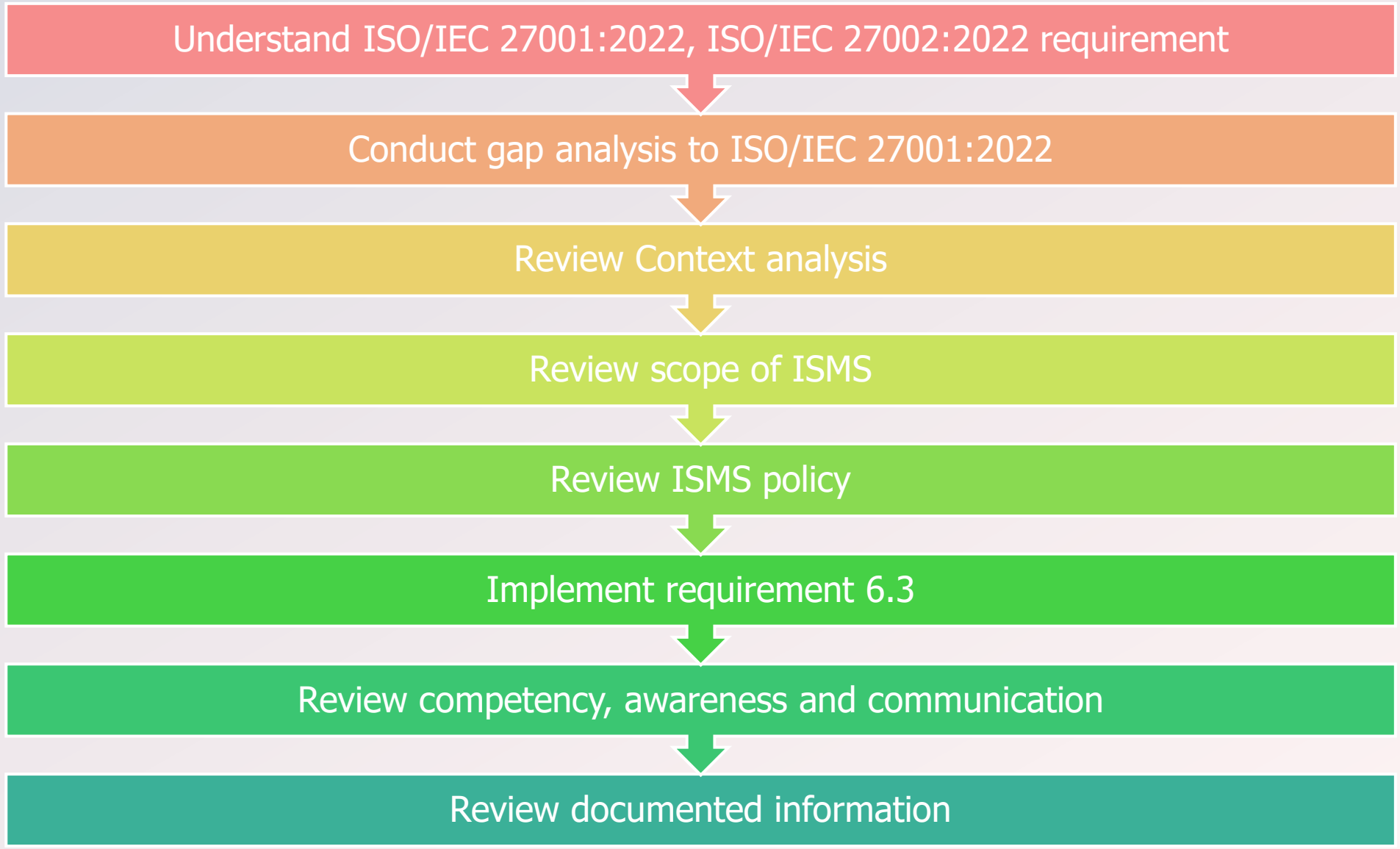
Transition period for BSI Customers



Step to preparation



Step to preparation

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