

## Bermuda Monetary Authority Insurance Sector Operational Cyber Risk Management Code of Conduct

### Is your organisation ready?

Across the globe, and in Bermuda, cyber-attacks are increasing in frequency and sophistication. The Financial Services sector is a key target, and there are many well-publicized cybercrime cases involving Financial Institutions. Cybercriminals are becoming more sophisticated, and the cost of cybercrime is becoming increasingly intolerable. The stakeholders – including boards, regulators, investors, analysts, business partners, and customers – expect greater visibility into an organisation's cybersecurity risk management programme.

In light of the growing cyber threats to the insurance sector, the Bermuda Monetary Authority (BMA) published their Insurance Sector Operational Cyber Risk Management Code of Conduct on October 6, 2020. The Code came into force on 1 January 2021 and registrants are required to be in compliance by 31 December 2021.

The ultimate goal of the Code is to ensure that insurance entities regulated by the BMA establish a robust cybersecurity program and comply with related requirements.

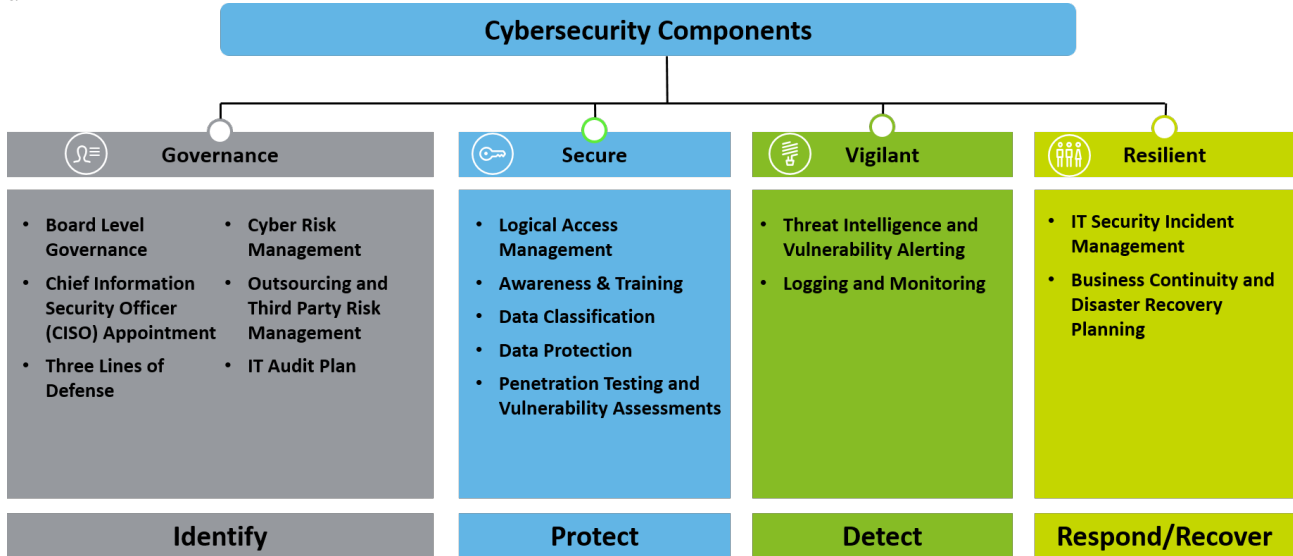
The Code prescribes specific requirements to ensure appropriate cybersecurity programs are in place.

Regulated entities should implement the Code in proportion to their cyber risk profile (nature, scale and complexity of their business), following an appropriate assessment of their cyber risks. Each entity is required to assess its particular risk profile and design a program that robustly addresses such risks.



### Cybersecurity components

The BMA Code of Conduct emphasizes the importance for the regulated entities to ensure that robust cybersecurity measures are in place and that they can appropriately identify, protect, detect, respond to and recover from such cybersecurity-related threats, incidents and breaches. Broadly speaking, the requirements in the Code fall under the four main pillars - Governance. Secure. Vigilant. Resilient.<sup>(tm)</sup>



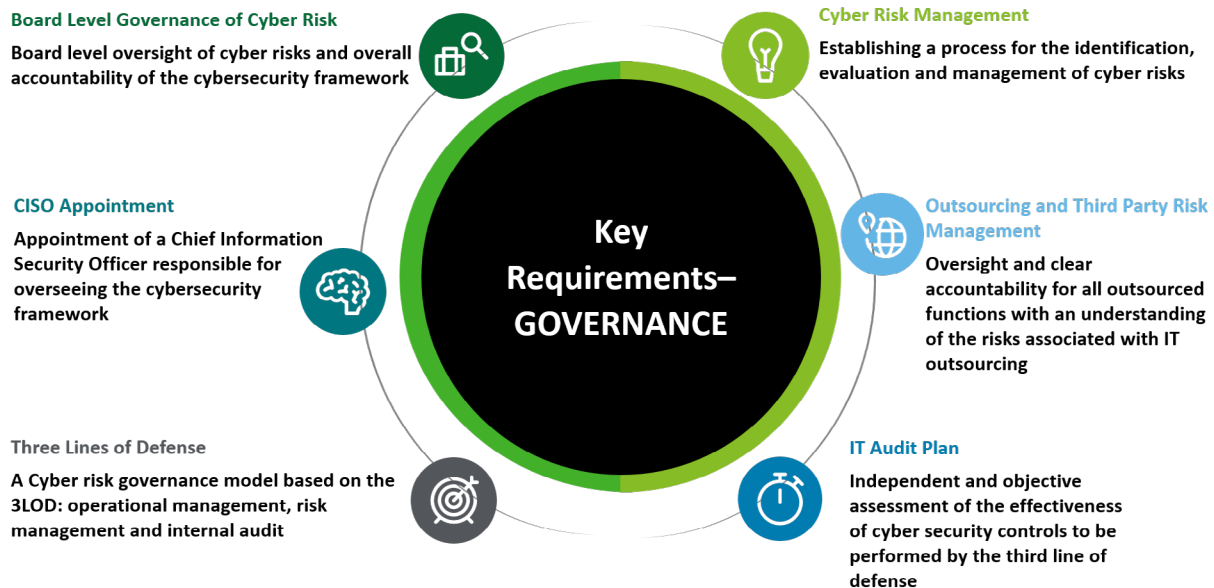
Identify, Protect, Detect, Respond to and Recover are the function areas of the National Institute of Standards and Technology Cybersecurity Framework (NIST CSF).

### Governance

Regulated entities are required to identify and manage cyber risks to organisational systems, assets, data, and capabilities. They also need to ensure management involvement and sponsorship of a business-aligned cybersecurity program. A cybersecurity program that is designed with security, vigilance, and resilience in mind, guided by a clear strategy and supported by strong governance measures will be well placed to meet the regulatory requirements.

The Code highlights the importance of the Governing Body in overseeing cybersecurity and cyber-resilience and also carrying out periodic reviews of the effectiveness of the cybersecurity framework and cyber-resilience.

### Key Requirements



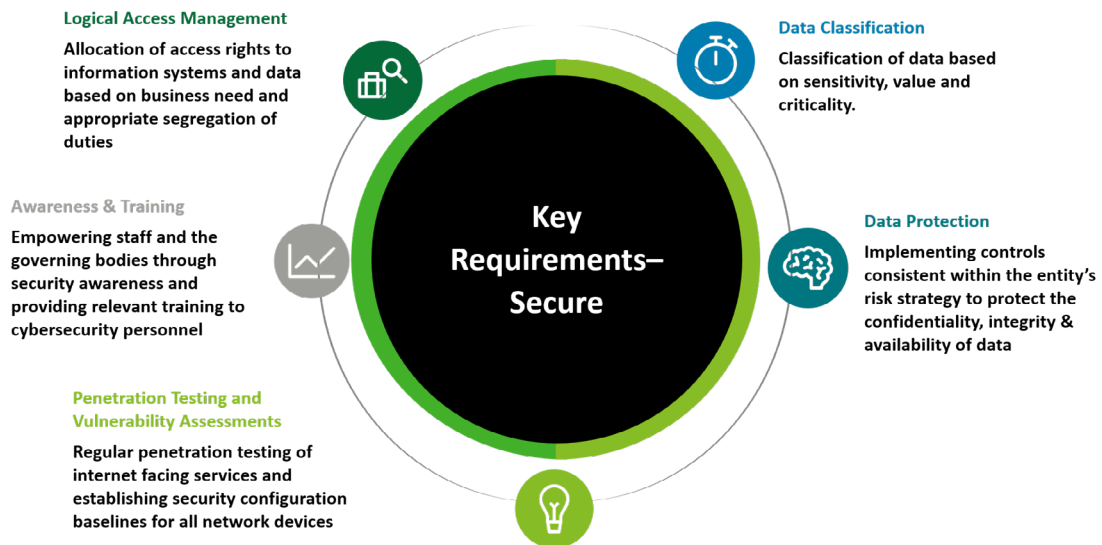
**Secure**

Regulated entities are required to establish and implement effective mechanisms around information assets, systems, and data and balance the need to reduce cyber risk while enabling productivity, business growth, and cost optimisation objectives.

Regulated entities must demonstrate that data protection is part of their strategy and cybersecurity framework, and will soon also need to take into consideration the provisions of the Bermuda Personal Information Protection Act and the guidance issued by the Office of the Privacy Commissioner.

A comprehensive cybersecurity training and awareness program must be established and endorsed by the governing body and/or senior management.

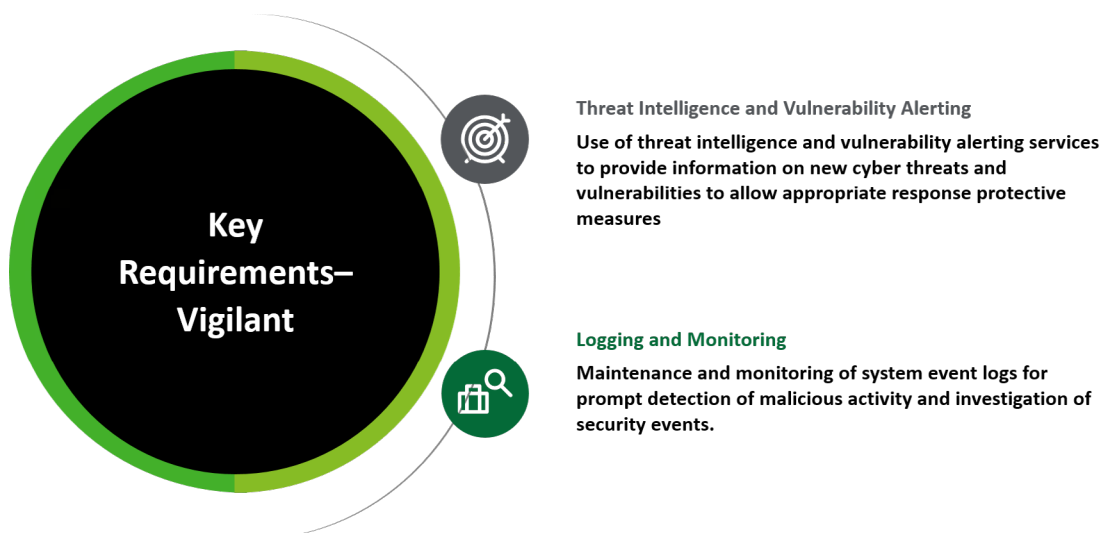
**Key Requirements**



**Vigilant**

Regulated entities will need to develop and implement mechanisms and systems to proactively detect and manage cyber threats and respond more effectively to cyber incidents such as Denial of Service (DoS) attacks, Data Leakages, Insider Attacks, etc. from internal and external forces.

Regulated entities must implement monitoring/surveillance and detection techniques and systems that allow real-time monitoring and detection of threats (e.g., Firewalls, Web Application Firewalls (WAFs), Network Behaviour Analysis, etc.).

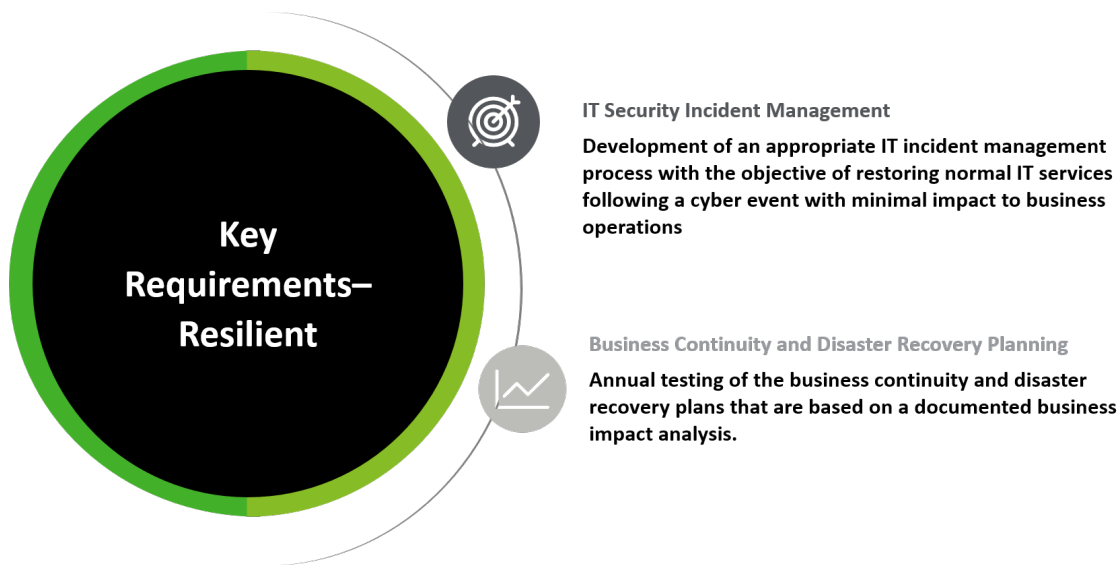


## Resilient

Cyber threats are continually evolving and increasing in volume, intensity, and complexity. It has become more likely that an attack can penetrate an entity's defenses and controls. When this happens, regulated entities must respond fast, thoroughly, and decisively.

Regulated entities must notify the BMA of a cyber event resulting in significant adverse impact to the regulated entity's operations, their policyholders or clients no later than 72 hours following the determination or confirmation of an event.

## Key Requirements



## We are here to help!

Every entity is at a different place when it comes to the maturity of its cybersecurity risk management program. Besides, the nature and magnitude of cyber risks are continuously evolving, and so are the practices for staying ahead of these threats. That's why it's essential to understand where you stand today by proactively performing a compliance readiness assessment and addressing the gaps.



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## BMA Sources:

[BMA Insurance Sector Operational Cyber Risk Management | Code of Conduct](#)



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