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Information technology — Cybersecurity — Overview and concepts



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Foreword

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Introduction

Cybersecurity is a broad term used differently through the world.

Cybersecurity concerns managing information security risks when information is in digital form in computers, storage and networks. Many of the information security controls, methods, and techniques can be applied to manage cyber risks.

ISO/IEC 27001 provides requirements for information security management systems. The focus of ISO/IEC 27001 is on security of information, and associated risks, within environments predominantly under the control of a particular organization. Cybersecurity focuses on the risks in cyberspace, an interconnected digital environment that can extend across organizational boundaries, and in which entities share information, interact digitally and have responsibility to respond to cybersecurity incidents.