NBR ISO/IEC 15408 – Common Criteria

TADS – 5º Semestre – Qualidade de Software

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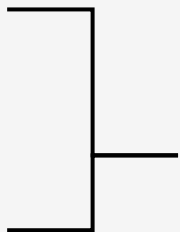
NBR ISO/IEC 15408

NBR ISO/IEC 15408 – 1 – Modelo geral
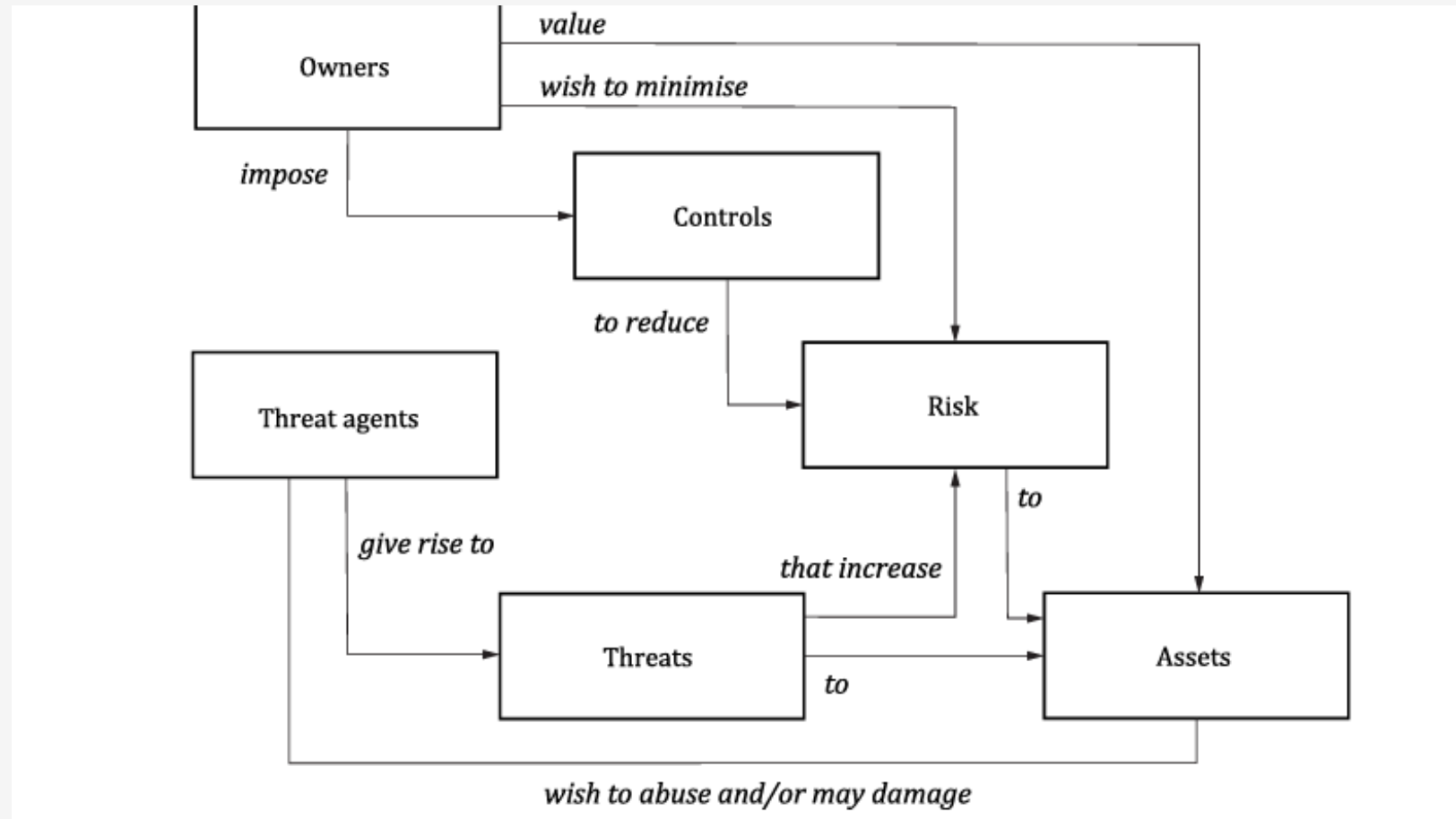
NBR ISO/IEC 15408 – 2

NBR ISO/IEC 15408 – 3 — Questões técnicas (não serão abordadas)
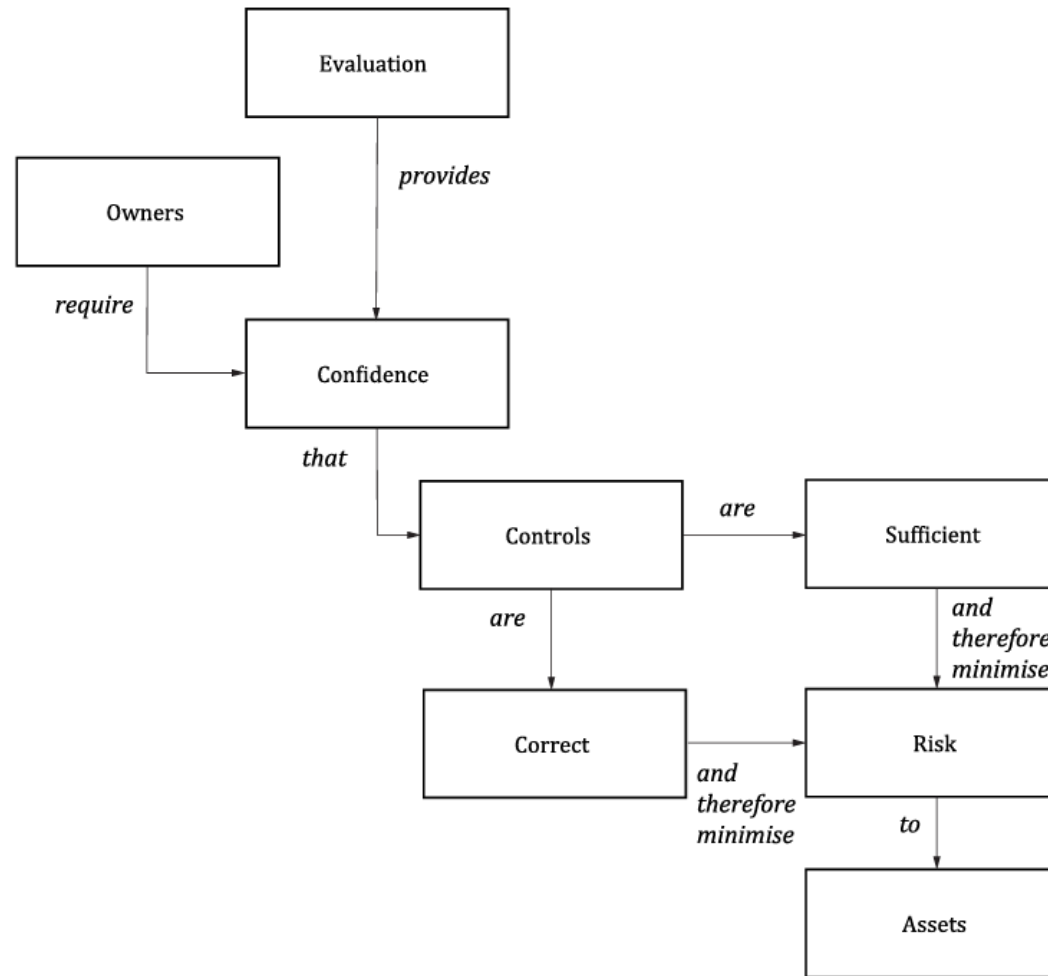
NBR ISO/IEC 15408 – 4

NBR ISO/IEC 15408 – 5 – Pacotes de segurança predefinidos

NBR ISO/IEC 15408 – 1

NBR ISO/IEC 15408 – 1

NBR ISO/IEC 15408 - 5

- EAL 1

- EAL 2

- EAL 3

- EAL 4

NBR ISO/IEC 15408 – 5

- EAL 5

- EAL 6

- EAL 7

NBR ISO/IEC 15408 - 5

Secure OS for microprocessors
ProvenCore

ProvenCore is an ultra-secure OS developed using deductive formal methods and certified at the highest level of security (EAL7 on Common Criteria). It provides the best foundation to develop secure-by-design complex connected devices in a cost-effective way.

"A Infineon Technologies AG, em colaboração com o Escritório Federal Alemão de Segurança da Informação (BSI), alcançou um marco significativo na busca por um futuro resistente à computação quântica.
*A empresa recebeu a primeira certificação **Common Criteria EAL6** do mundo pela implementação de um algoritmo de criptografia pós-quântica (PQC) em um controlador de segurança."*

NBR ISO/IEC 15408 – 5

*"**Monarch 2 now the first LTE-M/NB-IoT chip to pass Common Criteria testing for highest level CC EAL5+ security certification**"*

*"**comprehensive framework that enables developing, deploying, and managing Internet of Things (IoT) applications and devices using cellular network technology.**"*

*"**Cellular network technology is a complex system that enables mobile communication by dividing a geographic area into smaller cells, each served by a base station.**"*

Referências bibliográficas

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION; INTERNATIONAL ELECTROTECHNICAL COMMISSION. **ISO/IEC 15408-1**: information technology: security techniques: evaluation criteria for IT security: part 1: introduction and general model. 3. ed. Geneva: ISO/IEC, 2009.

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION; INTERNATIONAL ELECTROTECHNICAL COMMISSION. **ISO/IEC 15408-5**: information technology: security techniques: evaluation criteria for IT security: part 1: introduction and general model. 3. ed. Geneva: ISO/IEC, 2009.

Obrigado!