

Mapping between 2016 and 2021 CMM editions



Global
Cyber Security
Capacity Centre

OXFORD
MARTIN
SCHOOL





Backward conversion: Dimension 1

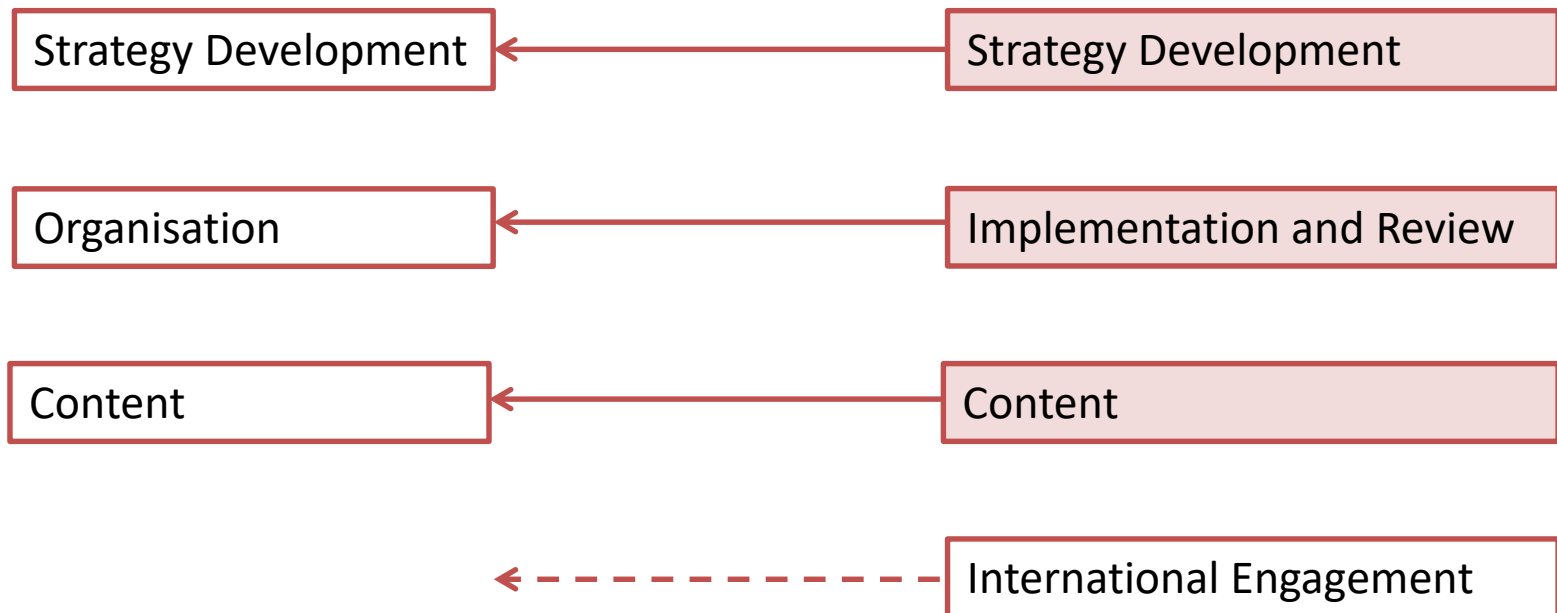
Factor 1.1

2016 CMM edition

2021 CMM edition

1.1 National Cybersecurity Strategy

1.1 National Cybersecurity Strategy



Factor 1.2

2016 CMM edition

2021 CMM edition

1.2 Incident Response

Identification of Incidents

Organisation

Coordination

Mode of Operation

1.4 Crisis Management

Crisis Management

1.6 Communications Redundancy

Communications Redundancy

1.2 Incident Response and Crisis Management

Identification and
Categorisation of Incidents

Organisation

Integration of Cyber into
National Crisis Management

The indicators of this old aspect have been reallocated in “Integration of Cyber into National Crisis Management” (D1.2) and “Monitoring and Response” (D5.4).

Factor 1.3

2016 CMM edition

1.3 Critical Infrastructure Protection

Identification

Organisation

Risk Management and Response

2021 CMM edition

1.3 Critical Infrastructure Protection

Identification

Regulatory Requirements

Operational Practice



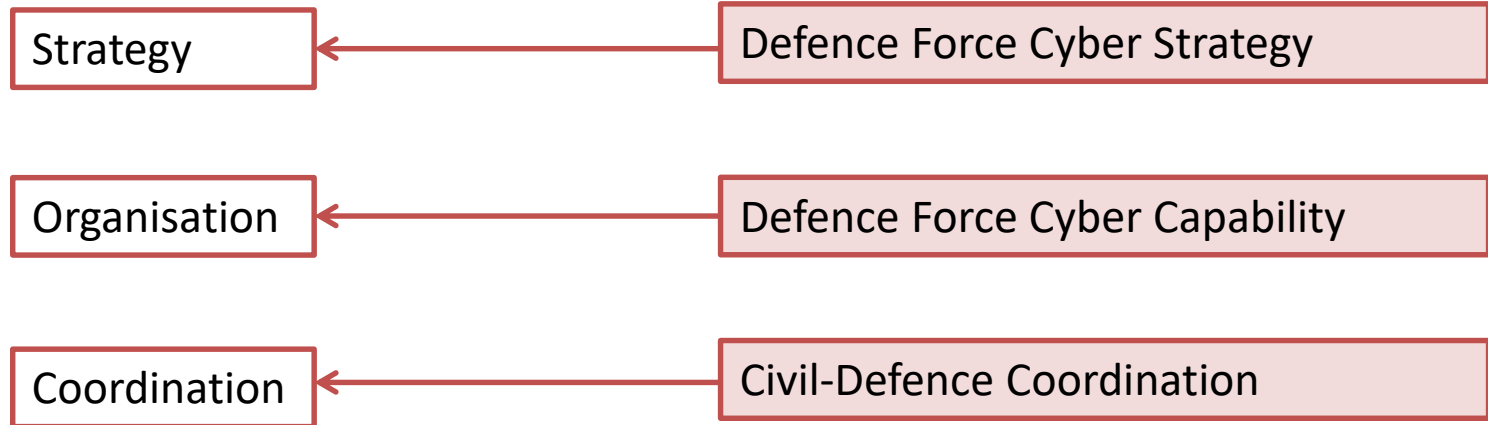
Factor 1.4

2016 CMM edition

1.5 Cyber Defence

2021 CMM edition

1.4 Cyber in Defence and National Security





Backward conversion: Dimension 2

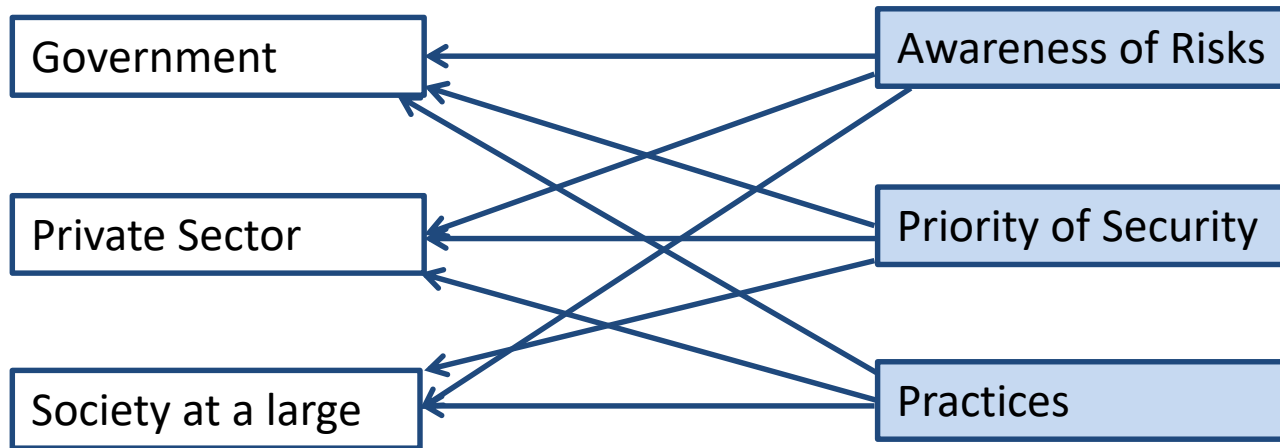
Factor 2.1

2016 CMM edition

2021 CMM edition

2.1 Cybersecurity Mind-Set

2.1 Cybersecurity Mind-Set



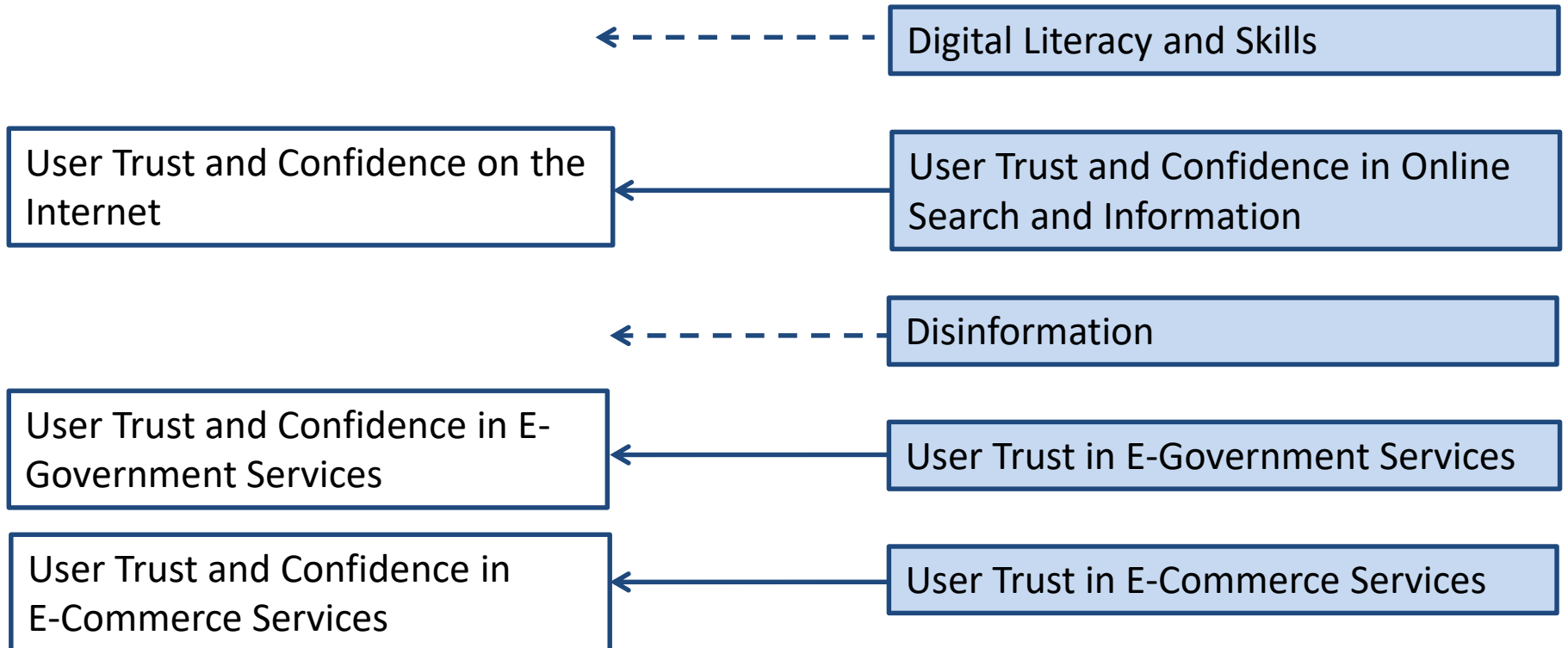
Factor 2.2

2016 CMM edition

2021 CMM edition

2.2 Confidence and Trust on the Internet

2.2 Trust and Confidence in Online Services



Factor 2.3

2016 CMM edition

2.3 User Understanding of
Personal Information
Protection Online

2021 CMM edition

2.3 User Understanding of
Personal Information
Protection Online

User Understanding of Personal
Information Protection Online

Personal Information Protection
Online



Factor 2.4

2016 CMM edition

2021 CMM edition

2.4 Reporting Mechanisms

2.4 Reporting Mechanisms



Factor 2.5

2016 CMM edition

2.5 Media and Social Media

2021 CMM edition

2.5 Media and Online
Platforms





Backward conversion: Dimension 3

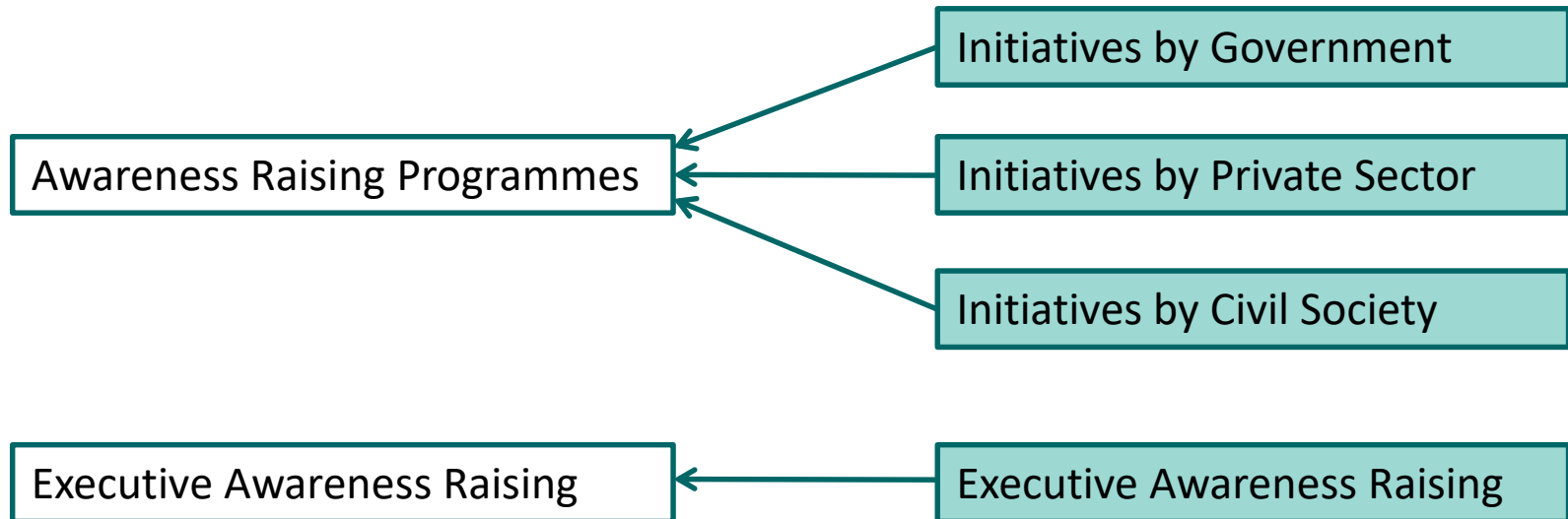
Factor 3.1

2016 CMM edition

3.1 Awareness Raising

2021 CMM edition

3.1 Building Cybersecurity Awareness



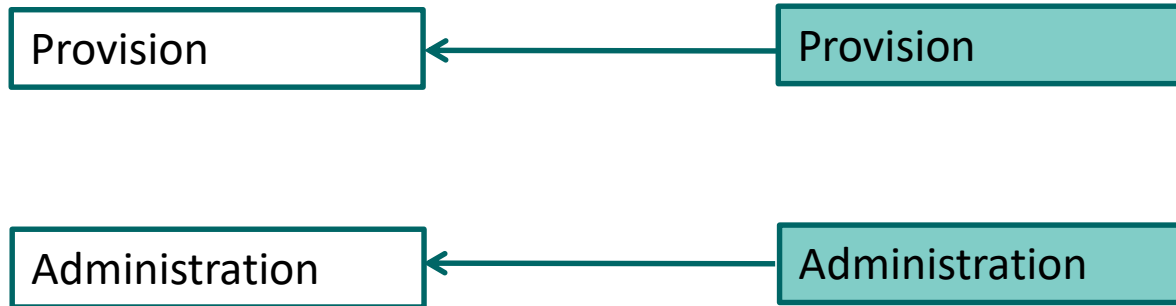
Factor 3.2

2016 CMM edition

2021 CMM edition

3.2 Framework for Education

3.2 Cybersecurity Education



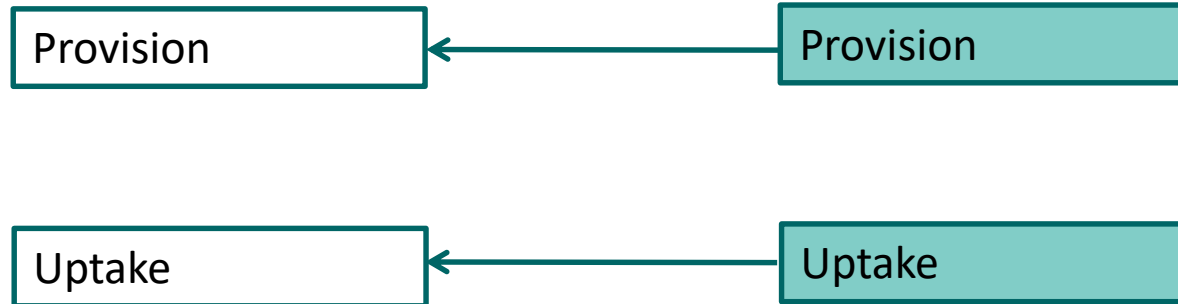
Factor 3.3

2016 CMM edition

2021 CMM edition

3.3 Framework for Professional Training

3.3 Cybersecurity Professional Training



Factor 3.4

2016 CMM edition

2021 CMM edition

3.4 Cybersecurity Research and Innovation





Backward conversion: Dimension 4

Factor 4.1

2016 CMM edition

4.1 Legal Frameworks

Legislative Frameworks for ICT Security

Privacy, Freedom of Speech and Other Human Rights

Substantive Cybercrime Legislation

Procedural Cybercrime Legislation

Data Protection Legislation

Child Protection Online

Consumer Protection Online

Intellectual Property Legislation

2021 CMM edition

4.1 Legal and Regulatory Provisions

Legal and Regulatory Requirements for Cybersecurity

Substantive Cybercrime Legislation

Procedural Cybercrime Legislation

Aspect moved to 4.2

Aspect moved to 4.2

Aspect moved to 4.2

Aspect moved to 4.2

Human Rights Impact Assessment



Factor 4.2

2016 CMM edition

4.1 Legal Frameworks

Data Protection Legislation

Child Protection Online

Consumer Protection Legislation

Intellectual Property Legislation

2021 CMM edition

4.2 Related Legislative Frameworks

Data Protection Legislation

Child Protection Online

Consumer Protection Legislation

Intellectual Property Legislation



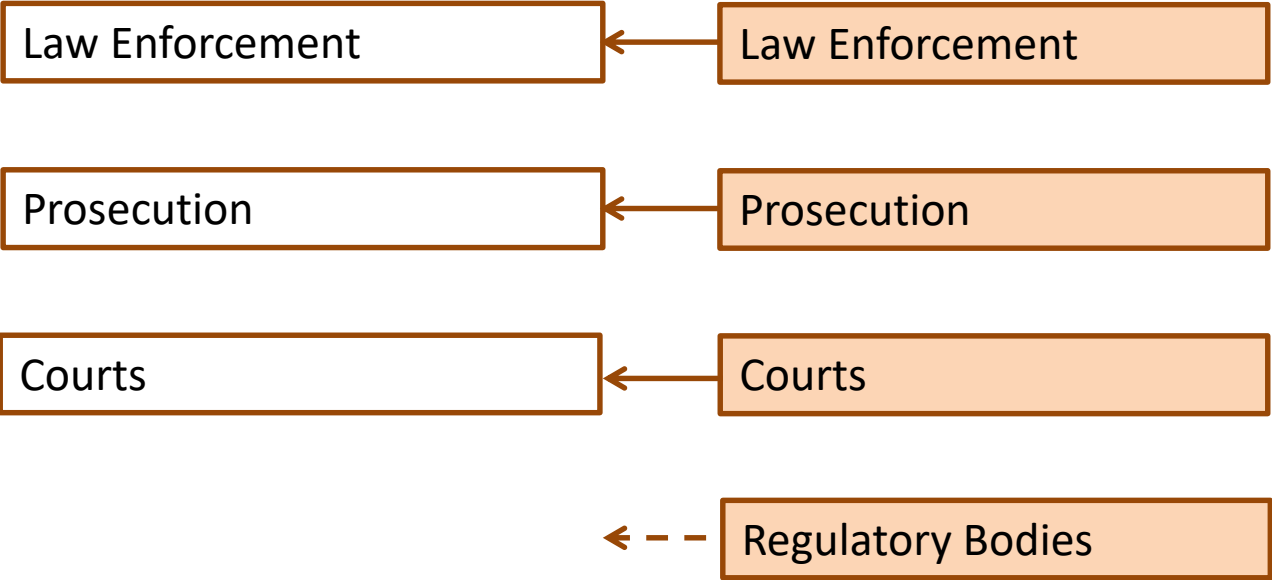
Factor 4.3

2016 CMM edition

2021 CMM edition

4.2 Criminal Justice System

4.3 Legal and Regulatory Capability and Capacity



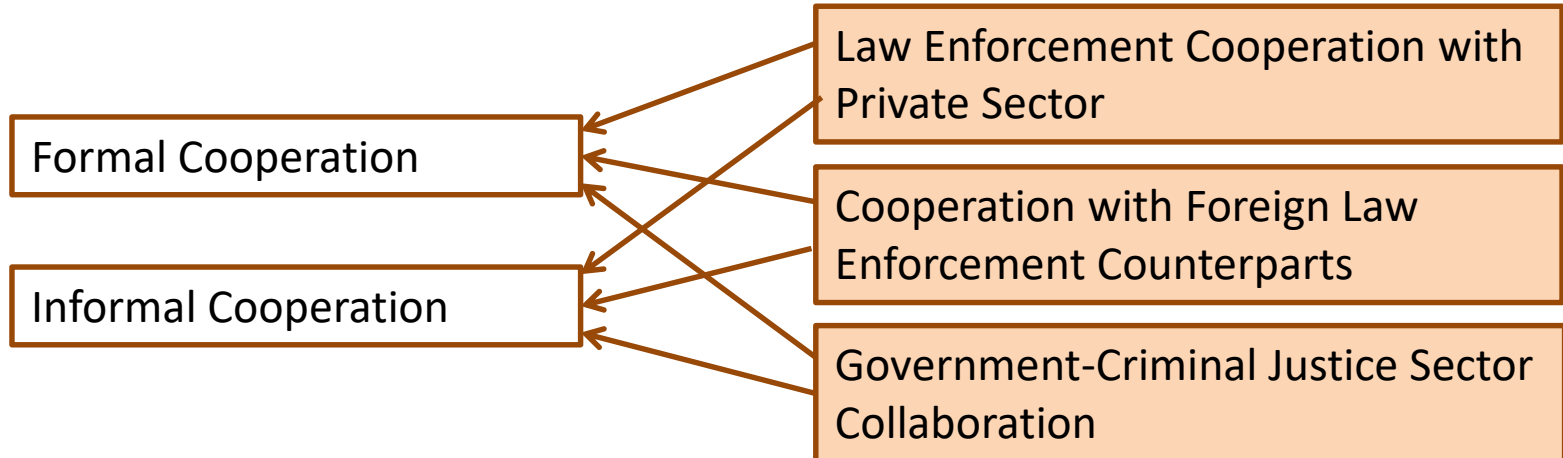
Factor 4.4

2016 CMM edition

4.3 Formal and Informal Cooperation Frameworks to Combat Cybercrime

2021 CMM edition

4.4 Formal and Informal Cooperation Frameworks to Combat Cybercrime





Backward conversion: Dimension 5

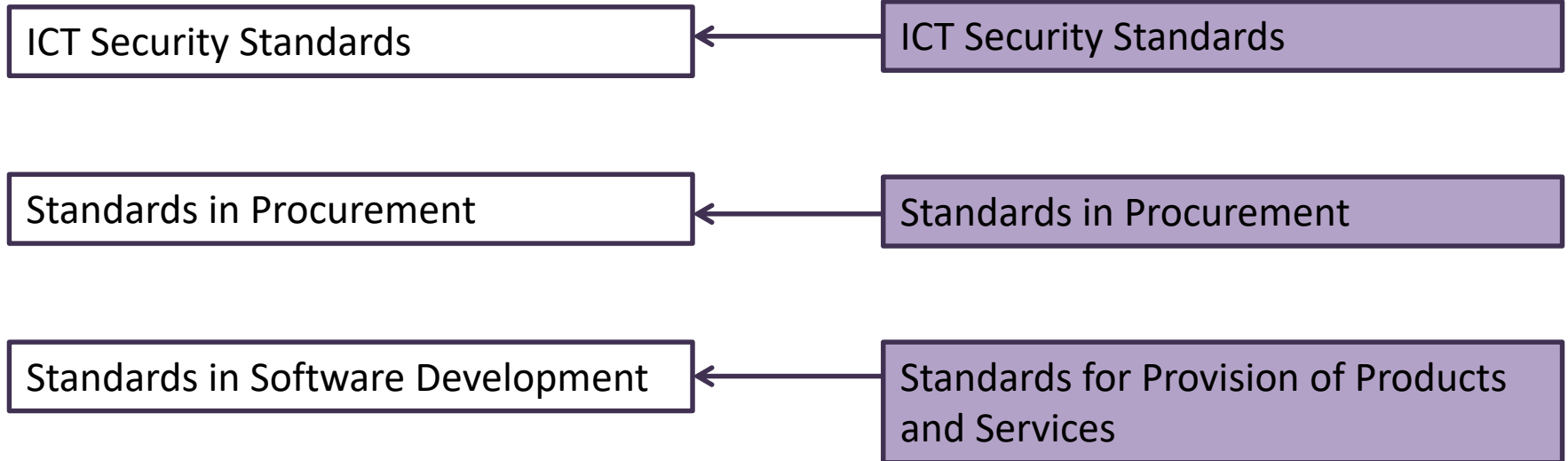
Factor 5.1

2016 CMM edition

5.1 Adherence to Standards

2021 CMM edition

5.1 Adherence to Standards



Factor 5.2

2016 CMM edition

5.4 Technical Security Controls

Technical Security Controls

2021 CMM edition

5.2 Security Controls

Technological Security Controls



5.5 Cryptographic Controls

Technical Security Controls

Cryptographic Controls



Factor 5.3

2016 CMM edition

5.3 Software Quality

2021 CMM edition

5.3 Software Quality



Factor 5.4

2016 CMM edition

5.2 Internet Infrastructure Resilience

Internet Infrastructure Resilience

2021 CMM edition

5.4 Communications and Internet Infrastructure Resilience

Internet Infrastructure Reliability

1.6 Communications Redundancy

Communications Redundancy

Monitoring and Response

The indicators of this old aspect have been reallocated in “Integration of Cyber into National Crisis Management” (D1.2) and “Monitoring and Response” (D5.4).

Factor 5.5

2016 CMM edition

5.6 Cybersecurity Marketplace

Cybersecurity Technologies

Cyber Insurance

2021 CMM edition

5.5 Cybersecurity Marketplace

Cybersecurity Technologies

Cybersecurity Services and Expertise

Security Implications of Outsourcing

Cyber Insurance



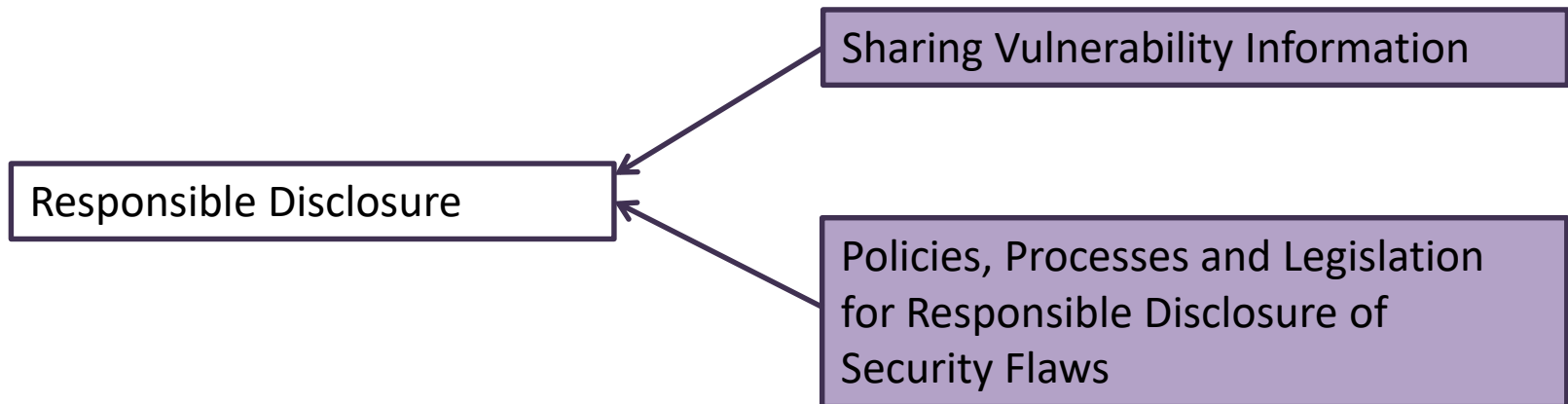
Factor 5.6

2016 CMM edition

5.7 Responsible Disclosure

2021 CMM edition

5.6 Responsible Disclosure





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