Milestone I

Official launch

DORA in Control

Authors:

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06/11/2024



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6 November

RiskEvent'24

Introducing a Practical Guide to Achieve Enhanced Digital Operational Resilience



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Jeremy Oschmann IT Auditor – Co-author Schuberg Philis

Overview of EU Legislations in the Digital Sector





Old perspective Focus on security

"Preserving of confidentiality, integrity, and availability of information."

New perspective Focus on resilience

"Anticipating, withstanding, recovering from, and adapting to adverse conditions, stresses, attacks, or compromises" Digital Operational Resilience Act - DORA -(EU) 2022/2554



Aims to increase the resilience of the EU financial market



Enforceable from 17/01/2025



Financial institutions and their (critical) IT service providers



Contains detailed requirements, spanning across 11 documents

Network and Information Security Directive - NIS2 -(EU) 2022/2555



Aims to increase the resilience of the EU critical & important sectors



Enforceable from 17/10/2024. In the Netherlands this is extended to be 2025



Operators of critical infrastructure and essential/ important services in the EU



High level goals and requirements

Overview of DORA policies and procedures



Article 4 'Proportionality principle'

Implement the rules laid down in accordance with the principle of proportionality, taking into account size and overall risk profile, and the nature, scale and complexity of services, activities and operations.



Article 7 (d) 'ICT systems, protocols and tools' &12.3 'Restoration and Recovery'

Use and maintain updated ICT systems, protocols and tools that are technologically resilient in order to adequately deal with additional information processing needs as required under stressed market conditions or other adverse situations. E.g., When restoring, use ICT systems that are physically and logically segregated (12.3).

Article 8.1 'Identification'

Identify, classify and adequately document all ICT supported business functions, roles and responsibilities, the information assets and ICT assets supporting those functions, and their roles and dependencies in relation to ICT risk. Article 11.6 (a-b) 'Test Response and recovery'

Test the ICT business continuity plans and the ICT response and recovery plans in relation to ICT systems supporting all functions at least yearly, as well as in the event of any substantive changes to critical or important functions; And include scenarios of cyber-attacks and switchovers between the primary ICT infrastructure and the redundant capacity.



Article 28.3 'Register of information'

As part of their ICT risk management framework, financial entities shall maintain and update at entity level, and at sub-consolidated and consolidated levels, a register of information in relation to all contractual arrangements on the use of ICT services provided by ICT third-party service providers.











NOREA



DORA in Control

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A study report by NOREA

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Accessible language

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Actionable controls

DNB maturity model



Progress tracking



DNB58 mapping

NOREA

DORA IN CONTROL

DORA Simplified

Governance and Risk Management

- 1. Management responsibilities
- 2. Risk management framework
- 3. Risk assessments
- 4. (Internal) ICT audit

Operational Management

- 5. Asset management
- 6. Change management
- 7. ICT operations

Continuity Management

- 8. Backup management
- 9. Response & recovery

Incident Management

- 10. Incident classification
- 11. Incident management



Software and Systems Development

- 12. Acquisition, development, and maintenance
- 13. Project management

Third-party Risk Management

- 14. Third-party due diligence and selection
- 15. Third-party (standard) contract management
- 16. Third-party (critical) contract management
- 17. Third-party risk management
- 18. Subcontracting management

Resilience Testing

Digital operation resilience testing
 Threat-led penetration testing

Security Management

- 21. Architectural and network security
- 22. Security monitoring & log management
- 23. Data and (legacy) system security
- 24. Encryption and cryptography
- 25. Identity and access management
- 26. Physical and environmental security
- 27. Security awareness
- 28. Vulnerability and patch management



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DORA in Control Framework

Progress Dashboard

DORA in Control is endorsed by:





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www.norea.nl/dora

