Multi-stakeholder Forum on Internet Standards Deployment

Draft concept

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European Commission

RIPE90
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Regulatory Background

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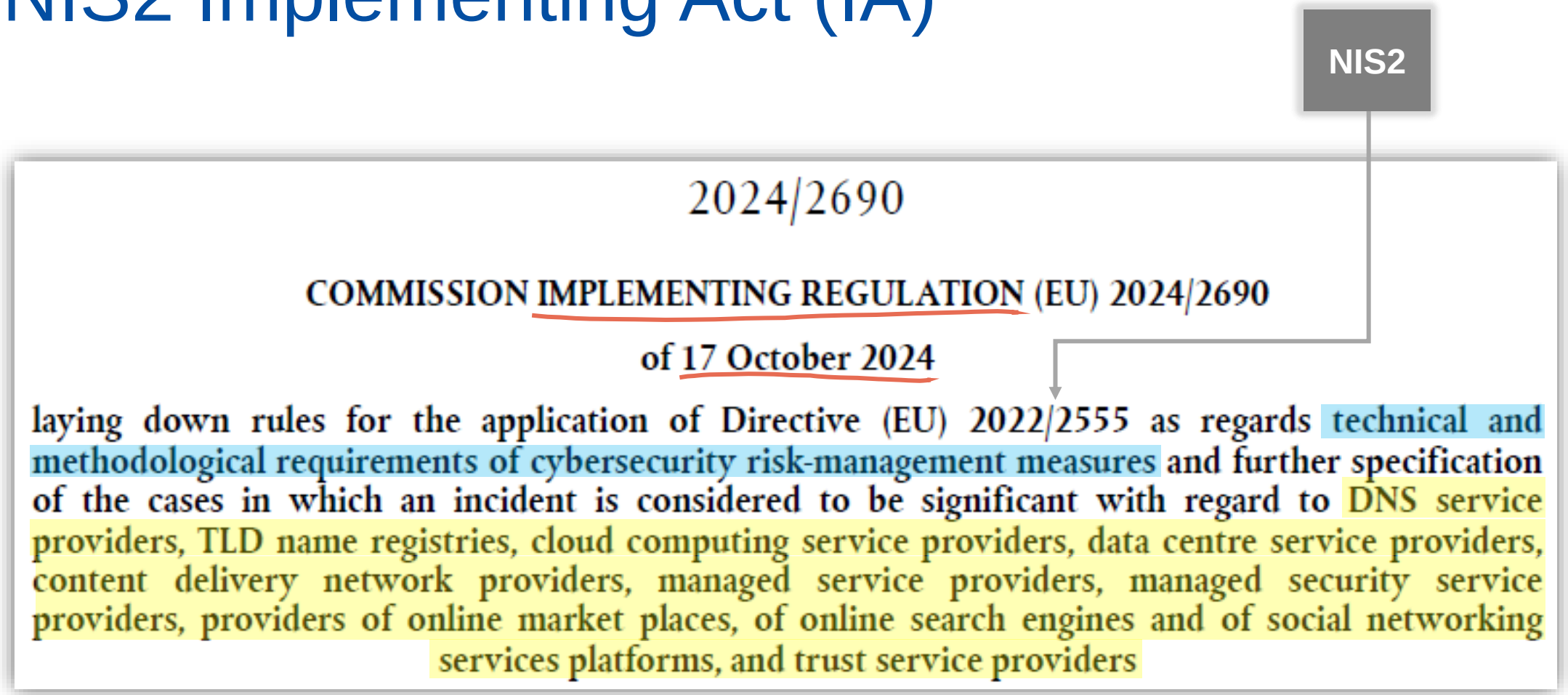
NIS2 Implementing Act (IA)



Requirements

ANNEX

Technical and methodological requirements referred to in Article 2 of this Regulation

6. Security in network and information systems acquisition, development and maintenance

6.7. Network security

6.7.1. The relevant entities shall take the appropriate measures to protect their network and information systems from cyber threats.

6.7.2. For the purpose of point 6.7.1, the relevant entities shall:

. . .

(j) adopt an implementation plan for the full transition towards latest generation network layer communication protocols in a secure, appropriate and gradual way and establish measures to accelerate such transition;

(k) adopt an implementation plan for the deployment of internationally agreed and interoperable modern e-mail communications standards to secure e-mail communications to mitigate vulnerabilities linked to e-mail-related threats and establish measures to accelerate such deployment;

(l) apply best practices for the security of the DNS, and for Internet routing security and routing hygiene of traffic originating from and destined to the network.

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Recital 8

(8) Network security measures in relation to: (i) the transition towards latest generation network layer communication protocols, (ii) the deployment of internationally agreed and interoperable modern email communications standards, and (iii) the application of best practices for DNS security, and for internet routing security and routing hygiene entail specific challenges regarding the identification of best available standards and deployment techniques. To achieve as soon as possible a high common level of cybersecurity across networks, the Commission, with the assistance of the European Union Agency for Cybersecurity (ENISA) and in collaboration with competent authorities, industry – including telecommunication industry – and other stakeholders, should support the development of a multistakeholder forum tasked to identify these best available standards and deployment techniques. Such multi-stakeholder guidance should be without prejudice to the relevant entities' obligation to implement the technical and the methodological requirements of the cybersecurity risk management measures set out in the Annex to this Regulation.

Objectives, tasks and outputs

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Objectives

- Key objective - **guidance** for relevant entities on:
  - best available standards, best practices
  - corresponding deployment techniques
  - optimal timeframes
- Other objectives:
  - Contribution to achieving a high common level of cybersecurity
  - Fostering cooperation and collaboration
  - Acceleration of the deployment, broader value

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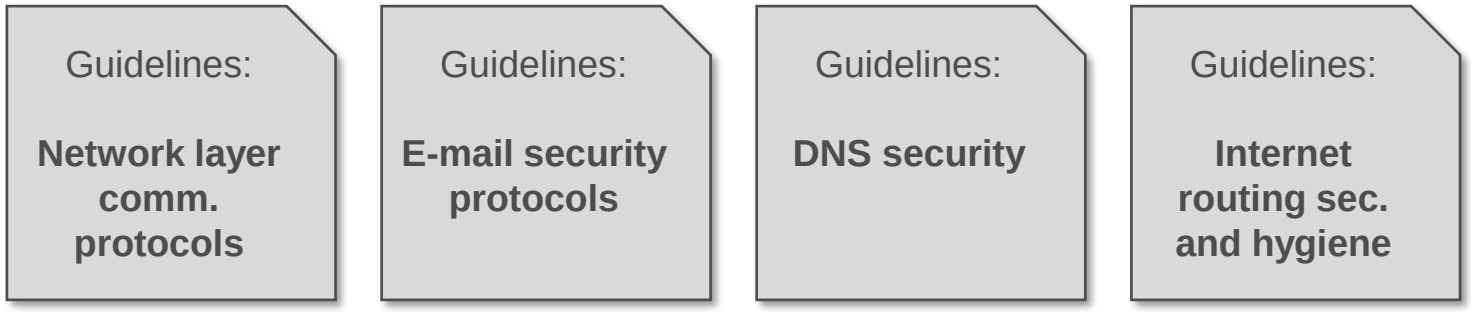
Tasks and outputs

- Tasks:
  - Define and agree on the **rules of engagement**
  - Identify **best available standards and practices** in each of the areas
  - Identify and analyse **key challenges** and recommend **options for addressing** them
  - Identify, collect, analyse and develop **best deployment techniques**
  - Identify the optimal **deployment timeframes** for each category, considering all the relevant variables
  - Develop a **set of guidelines** containing **deployment considerations** and **implementation roadmap**
- Outputs:



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Membership, structure and organisation

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Stakeholder Landscape

Potential members:

NIS2 stakeholders – relevant entities	EU Telcos	Equipment vendors	MESSEU community	EUIBAs and national public administration entities
RIPE community	ICAAN community	MANRS community	IETF community	…

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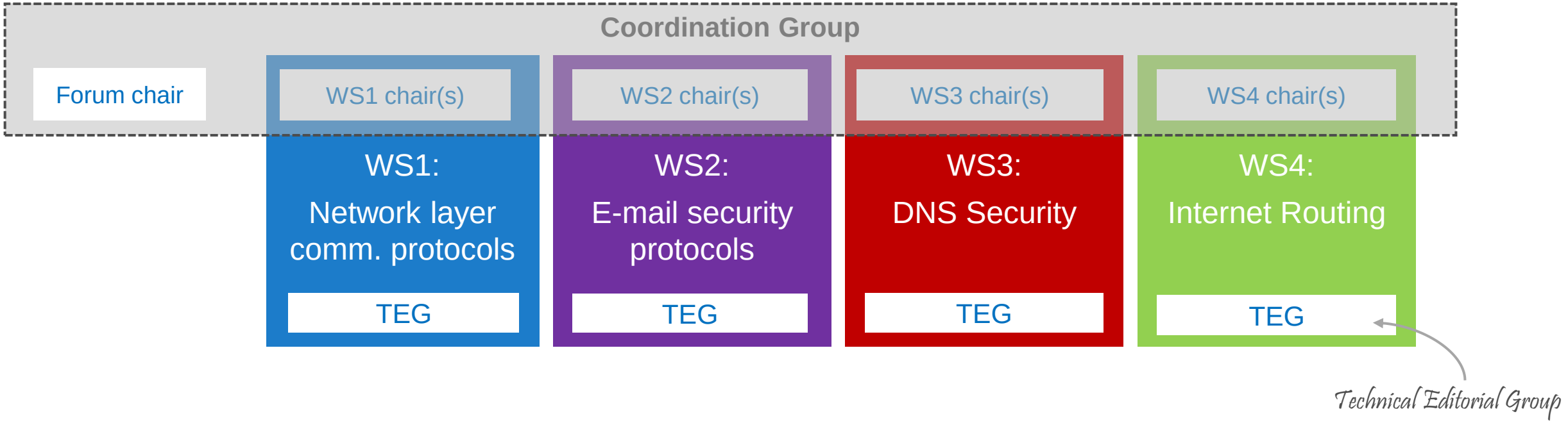
Structure and organisation



- Plenary meetings
- WS meetings
- Coordination group meetings

- TEG working sessions
- Collaboration platform

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Planning and timelines

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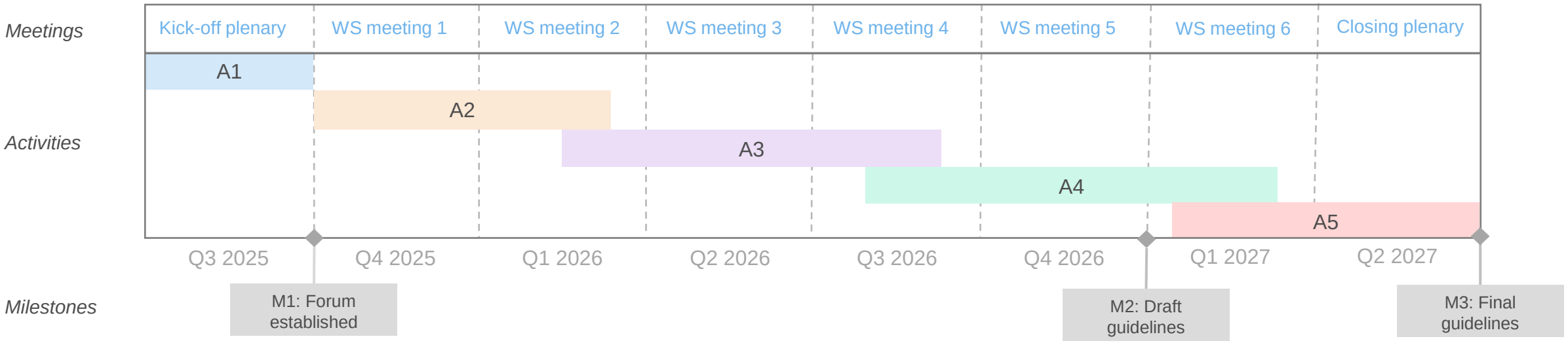
Indicative timelines



A1	Initiation – kick-off, establishment of WS and rules of procedures
A2	Identification of standards and best practices
A3	Analysis of implementation challenges and identification of deployment techniques
A4	Development of guidelines
A5	Consultations, finalization of the guidelines, closure

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Thank you!
Questions?

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