

Our interview guide consists of the four phases explained below, each of which covers a specific aspect of the evaluation. The phases are moderated by a set of guiding questions.

1. **Introduction:** The interview begins with mutual introductions and an overview of the project. Respondents are then presented with D2TARA. Throughout the interview, they are encouraged to express any ambiguities or criticisms directly. Phase 1 is primarily moderated by the following questions:

- *Can you briefly describe your role and responsibilities?*
- *How many years have you worked in cybersecurity?*
- *Do you create TARAs?*
- *How many TARAs have you created so far?*

2. **Evaluation of D2TARA:** After being introduced to the project, this second phase aims to evaluate D2TARA with a focus on its problem relevance, comprehensibility, and comprehensiveness. Participants are also asked to indicate if they are missing any aspects or need further clarification. Phase 2 is primarily moderated by the following questions:

- *Do you agree with this selection of data-driven TARA sections?*
- *Are you familiar with the external data sources I selected, and do you use at least one in each category?*
- *Do you have major other relevant data sources?*
- *Are the capability levels clearly understandable and purposeful?*
- *Do you agree with starting in ML 1 with DAMAGE, ATTACK, and FEASIB on CL 1, as these are the data-driven TARA sections where external sources are most straightforward to use?*
- *Can you think of any aspects that are missing?*

3. **Maturity Assessment Using D2TARA:** This phase focuses on the applicability of D2TARA. For this purpose, the web-based self-assessment tool is presented to the interviewees. The aim is to find out if D2TARA is practicable and if the tool enables its use in a comprehensible way. As in the second interview phase, the participants are asked about open points or insufficient explanations. Phase 3 is primarily moderated by the following questions:

- *I would now like to ask you to self-assess a TARA in your mind using the tool. My question is, are the indicative questions associated with the CLs understandable?*
- *Is it clear to you how the achieved CLs of the data-driven TARA sections are aggregated to the overall TARA ML?*
- *Is there any information missing?*

4. **Conclusion:** The interview concludes by asking respondents for advice on how to proceed with the project. Phase 4 is primarily moderated by the following question:
From your practical standpoint, what are the next steps in the project?