

The Air Navigation Cyber Resilience Workshop and Tabletop Exercise (TTX)

(Bangkok, Thailand, 02 – 04 December 2024)

Question 1: This workshop is targeting non-cyber operational and management personnel from ANSPs, airlines, airports and CAAs. Any guidelines/ pre-requisite on nominated personnel to attend this workshop, e.g. years of experience in aviation, type of systems, i.e. avionics, ATC systems, etc.?

Answer: Key to joining this TTX and Workshop is experience in Aviation. Participants should have a background in aviation operations or management, preferably with a sufficient background (3-5 years of experience) to understand operational concepts. Ideally, we are targeting persons who do not normally have a direct role in cyber activities in areas that include safety management, flight operations, ATM, aerodromes, etc.

Question 2: If there is any limit on the number of nominated personnel?

Answer: We recommend one personal from one State. States/Administrations can nominate 2 participants in order of priority. If there will be remaining seats, we may accept second participant.

Question 3: Any pre-requisite on nominated personnel to participate in the TTX?

Answer: Identical to the answer to Question 1.

Question 4: What is the expected outcome after completion of this workshop for nominated personnel and their organization?

Answer: Among others, we can expect participants to:

- Establish a common understanding and terminology related to cyber threats and vulnerabilities among participants from various organizations. This common ground will facilitate better communication and coordination during multi-stakeholder responses to cyber incidents.
- Participants will gain an understanding of the various cyber vulnerabilities that can affect air navigation systems.
- Participants will be able to identify and articulate the specific risks that cyber vulnerabilities pose to air navigation operations.
- Participants will develop/improve decision-making skills to effectively respond to cyber incidents.
- Learn best practices for internal and external communication during crises, including communication with the media and the public.
- Improve coordination with Incident Response Teams (IRT) and other operational units.
- Through the exercises, participants will be able to identify gaps in their current cyber resilience and communication plans and areas that require improvement.
- Understand the need for developing Trust Framework Instances.
- Familiarize themselves with the work of the Trust Framework Panel

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Question 5: Who are the organizers of this TTX?

Answer: ICAO

Question 6: What systems are expected to be involved in the TTX?

Answer: We prefer to not announce the scenarios ahead of time to allow for participants to be able to react to the situation as it unfolds. However, the scenarios will cover the domains of ATM operations, airline operations, airport services and the lines of communication between each of these areas.

Question 7: What are the scenarios that will be tested?

Answer: The scenarios will be provided as part of the participant's guide based on the above criteria.

Question 8: What are the roles that are expected to be participating in the TTX?

Answer: Roles will be from the areas above, and will be assigned during the event. Participants may be asked to play roles that are not part of their normal duties.

Question 9: Please elaborate on objective point 3 on “Promote concepts for developing Trust Framework instances”.

Answer: As part of the informational aspect of the workshop, ICAO's work on trusted information exchange will be presented.