



# TECH TRIALS

## **Round 1:** Escape Room

Delegate cap: 2-3 delegates

Duration: 1 - 1.5 hours

Round Description: Each team will be assigned a 5 to 7-minute slot, at the start of which they will receive a clue: a binary-to-hexadecimal conversion puzzle. Once they have converted the binary code into hexadecimal, they will use a provided character chart to decode the hexadecimal text and identify the name of an object from those placed on the table. This will lead them to the second binary-to-hexadecimal conversion clue. Teams will need to decode a total of 3 clues and select the corresponding objects within the time limit. Top 80% of teams will qualify to the second round.

Note: Knowledge of Binary to Hexadecimal Conversion is required for this round

### Judging Criteria:

Correct Decoding of 3 Clues & Correct Selection of 3 Objects = 3 points

Correct Decoding of 2 Clues & Correct Selection of 2 Objects = 2 points

Correct Decoding of 1 Clue & Correct Selection of 1 Object = 1 point

## **Round 2:** Case File Release

Delegate cap: 2-3 delegates

Duration: 1-1.5 hour

A Case File will be provided to the delegates and will be centered around a Crime Case involving a network breach. Delegates will be required to shortlist suspects and investigate the case further through DNA decoding as well as Interviews to evaluate suspects.

Note: Knowledge of HTML Code is required for this Round

## **Round 3:** Trial

Delegate Cap: 1-2 delegates

Duration: 1-1.5 hour



Teams will be required to present their chosen Prime Suspect. Remaining details of the round will be revealed on spot.

Judging Criteria:

Relevant Inference(s) from Case File	/10
Correct DNA Sample(s) Selected	/2
Correct decoding of chosen sample	/10
Relevant Questions asked from Suspects	/3
Relevant Inference(s) made from Suspects' Interview Answers	/5
Total	/30