



Collaborative Incident Threat Evaluator

Experience the Power of CITE

TEAM COLLABORATION DURING A VIRTUAL EXERCISE can be difficult if not well organized using the right tools. For a successful exercise, it is critical that applications enable all participants to collaborate to evaluate, score, and comment on different incidents provided in each scenario.



Introducing CITE

In response to this challenge, the SEI developed CITE, the Collaborative Incident Threat Evaluator, a vital tool for incident assessment. Seamlessly integrated into the established Crucible Framework, CITE enables users to collectively evaluate and score the severity of incidents within scenarios in accordance with customizable scoring systems. CITE introduces a unique scoring comparison—aligning a user’s score with their organization, group, and official standard scores. As scenarios progress, scores can be updated, creating a record of changing severity. Embrace a more efficient approach to incident assessment with the CITE application, streamlining collaboration and insights for incident severity analysis.

By providing a situational awareness and collaboration dashboard, CITE acts as a vital link between itself and other Crucible applications, connecting essential exercise components for a seamless user experience.

Elevate Insights with the CITE Scoresheet

Integrate the National Cyber Incident Scoring System (NCISS) into CITE for refined risk estimation, while retaining the ability to configure your own scoring system. Assess threat severity via NCISS, ensuring informed decisions. CITE promotes inclusivity, enabling each user to contribute their own scores to the discussion, breaking away from traditional call dynamics typically

dominated by just a few participants. Dynamic scoring, customization, and collaboration converge for an empowered experience.

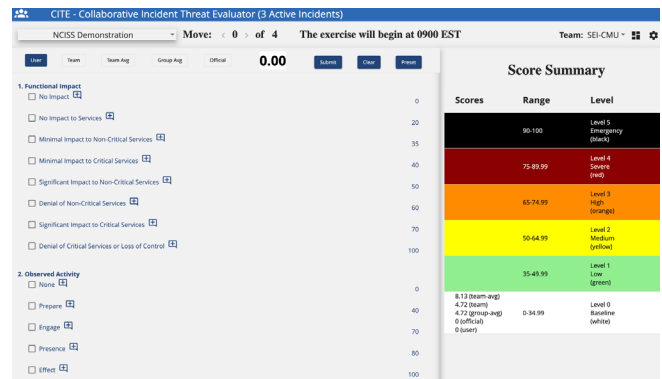


Figure 1: CITE Scoresheet

CITE Scoresheet Highlights

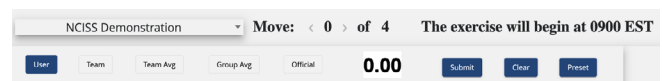


Figure 2: Scoring Features

Scoring Features

The CITE Scoresheet displays several scores to enable users to collaborate and discuss the severity of an incident. User scores, while private, populate a team average that can be used for discussion while collaboratively entering the team score. Similarly, the team scores will populate a group average, which can be used to determine or compare with the official incident score.



Figure 3: Scoring Categories & Options

The CITE Scoresheet presents customizable categories, options, and scores, tailored to the type of exercise scenario.

Engage with precision by selecting pertinent options across categories. Points are allocated, culminating in a comprehensive scenario score that fortifies individual and team ratings. Seamless flexibility empowers users to refine and revise comments—a dynamic touch that further solidifies your selection.

CITE Dashboard: Your Command Center for Success

Empower your team’s strategy with the dynamic CITE Dashboard. From the user’s perspective, this tool grants unparalleled insight into each individual’s role and the required actions for the ongoing incident. Access updated scenario specifics including date, time, and incident summary, while a course of actions awaits your consideration. The dashboard also provides a real-time display of the various scores available on the Scoresheet.

The dashboard integrates with the Gallery application and can alert users to the number of unread inject articles they need to review in Gallery.

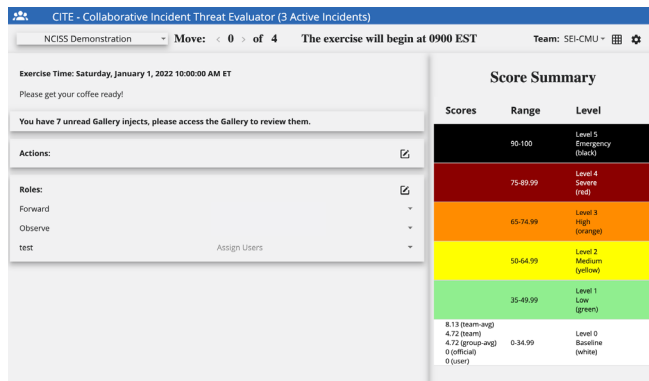


Figure 4: CITE Dashboard

CITE Dashboard Highlights

Actions & Roles

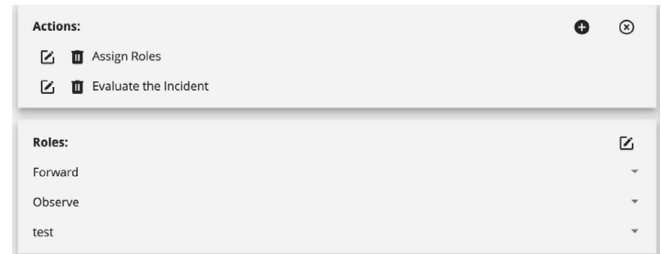


Figure 5: Actions to Consider & Roles

Each team can customize their own work roles and actions, allowing selected users to contribute additional actions and define user roles. This dynamic tool eliminates the need for repetitive messages when it comes to pending tasks. Instead, the team leader can effortlessly add tasks directly to the dashboard, instantly visible to every team member. By using the roles feature, each team member gains clear insight into their responsibilities. The use of actions further guides individuals on which tasks to focus on and which remain. Embrace a cohesive workflow tailored to your team’s unique needs and foster enhanced collaboration and productivity.

Experience the Power of CITE

Incorporate CITE into your incident response exercises and experience the collaborative power it brings to your team. Seamlessly navigate hazard evaluations with customizable scoring systems, fostering teamwork, inclusivity, and informed decision-making.

About the CERT Division

The CERT® Division of Carnegie Mellon University’s Software Engineering Institute conducts valued, relevant, and trusted evidence-based research that fortifies the cyber ecosystem and protects national security and prosperity.

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