

# Co-Developing the Pathways Tool within the CAE Cyber Competitions Atlas

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## Development of the Atlas



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## Development of the Atlas

- Populated by data from the CAE Annual Report process
- Visual representation of engagement, type, relationships
- Data Collection from Primary Competition Sources
- Categorization
- Pathways

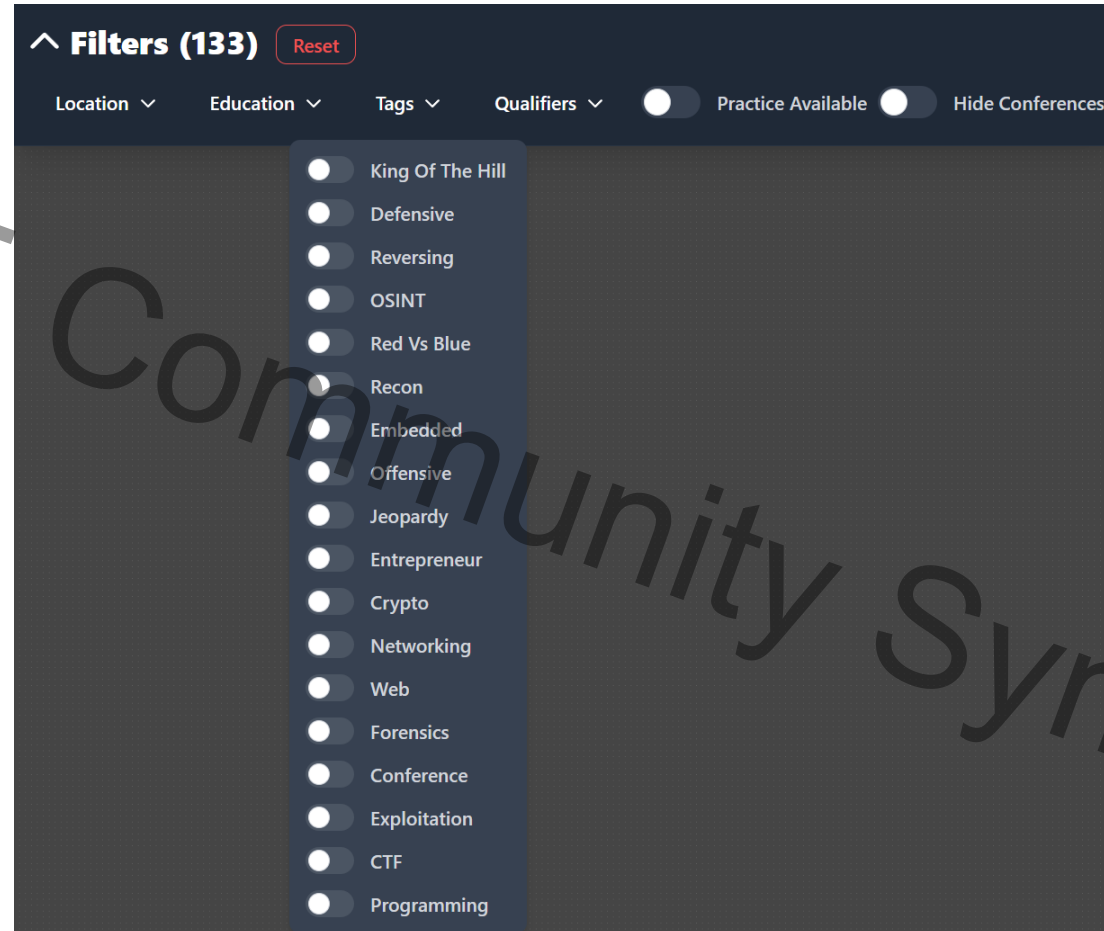


# Features of the Atlas: Proxiplay



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## Features of the Atlas: Filters



# 2025 CAE Community Symposium

## Features of the Atlas: Competition Details

### National Cyber League

[CTF](#) [OSINT](#) [Crypto](#) [Networking](#) [Recon](#) [Forensics](#)  
[Exploitation](#) [Web](#)

The NCL is a virtual platform for students to develop and showcase their cybersecurity skills through practical exercises and labs. It also connects students with employers and educators across the country. NCL Fall 2024 Season Schedule: Registration is open August 19 - October 11 and costs \$35 to participate. Late registration is October 12 - 15 with a cost increase to \$45. To register for the NCL season, you must be at least 13 years old and a student enrolled in a high school, collegiate institution, apprenticeship, or academic boot camp. NCL is currently only available to residents in the United States and Canada and their territories.

[Details](#) [View on Map](#) [Links](#) ▾

### Collegiate Cyber Defense Competition

[Red vs Blue](#) [Defensive](#)

CCDC competitions ask student teams to assume administrative and protective duties for an existing "commercial" network - typically a small company with 50+ users, 7 to 10 servers, and common Internet services such as a web server, mail server, and e-commerce site.

[Details](#) [View on Map](#) [Links](#) ▾



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# Pathways Beta

## Education

Suggested path based on current education.

## Infrastructure Defense

Pathway for those interested in deploying, maintaining and defending secure infrastructure.

## Offensive Security

Pathway for those interested in proactively securing infrastructure using tactics leveraged by malicious actors.



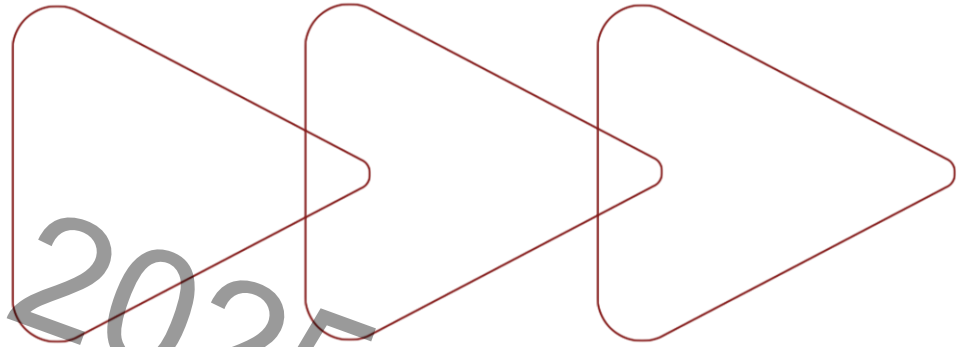
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## Co- Development Prompts

- How do we gather data on student/program pathways through the competition ecosystem?
- Can we create linkages for data sharing between competitions?
- What pathways should be represented in the tool?
- What data/functionality would be the most beneficial to CAE faculty and students?





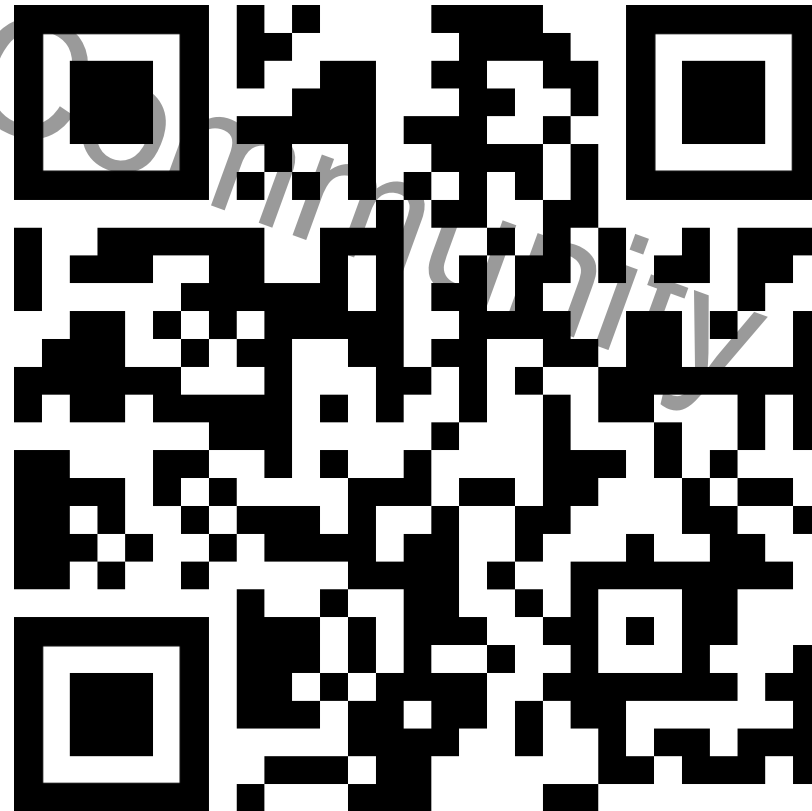
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