



THE UNIVERSITY OF
WAIKATO
Te Whare Wānanga o Waikato

New Zealand Cyber Security Challenge

Rules and Eligibility

Eligibility

New Zealand Cyber Security Challenge is an annual event for people who are interested in cyber security. To be consistent and to keep Cyber Security Challenge challenging for participants, three categories of contestants are proposed:

1. Secondary School Students (usually Year 9-13) (NB: students younger than Year 9 are most welcome)
2. Tertiary Education Students (Universities, Institutes of Technology, Polytechnics, Colleges etc).
3. Open Category (Professionals, anonymous participants etc).

Registration

Every person should be registered individually.

The following set of data is required for the registration process:

- First Name
- Last Name
- Email Address
- Region (New Zealand area or Country)
- Category (Secondary, Tertiary, Open)
- Affiliation (School, University, Company name)

Participants who succeed in Round 0 will receive a RSVP form to confirm their participation in Round 1.

Registration for Round 0 is open until 15th June 2020, 17:59 New Zealand Time.

Rounds

The Challenge consists of 3 Rounds: Round 0, Round 1 and Round 2.

Round 0 is the qualifying round open to NZ and regional contestants (e.g. Tonga), and the top 150 participants will be invited to participate in Round 1 and 2.

The qualifying round consists of Capture-The-Flag (CTF) challenges of easy, medium and hard difficulty. Contestants will be scored based on successful flags captured, and the time taken to capture them. Round 0 is a screening round and the contestant's main goal at Round 0 is to qualify further into the challenge and be invited for further competition rounds. Round 0 will be open for 15 days. **Contestants will need to attempt Round 0 individually.**

Round 1 is the Incident Response Quiz. In this Round the contestants will be provided a few fictitious scenarios and should be able to answer several questions in a pub-quiz style. The goal of Round 1 is to allow contestants to appreciate the national and corporate policy aspects of cyber security.

After Round 1, Round 2 is a 2.5-hour competition designed with easy, medium and hard Capture-The-Flag (CTF) challenges.

Individual Participation(No teams)

The top 150 qualified contestants will compete **individually** in Round 1 & 2.

Challenges

Challenges for the competition are from different areas of cybersecurity related to Web Application Security, Applied Cryptography, Reverse Engineering, Forensics, Steganography and other Cyber Security areas.

Sponsorship

The NZ Cyber Security Challenge is a fully not-for-profit event. All costs are covered by sponsors introduced on the home page of our web site cybersecuritychallenge.org.nz

All received sponsorship are distributed among NZCSC expenses such as t-shirts, prizes, and the promotion of challenge.

Prizes

The main competition prizes are:

- Grand Winner (Winner of the competition after Round 2)
- Category Winners (Winner in every category: Secondary, Tertiary, Industry/Open)
- Category Runners-Up (Winner in every category: Secondary, Tertiary, Industry/Open)

Because of Waikato University requirements we give prizes upon identity proof document (Driver License, High School Student, and Tertiary Student).

Behaviour

Behaviour is regulated by the Ethics Agreement and Code of Conduct. These documents are published on the web site and all participants must agree to these documents before they are allowed to take part in the competition. The Ethics Agreement will be signed on campus by every participant during the registration process prior to Round 1.