

# Pursuing a Professional Identity

## Certified Cyber Attack Simulation Professional (CCASP)

### Certified Level

#### Certified Simulated Attack Specialist (CCSAS)

##### Designation

- Certificate for CCASP Certified Simulated Attack Specialist
- Certificate for CREST Certified Simulated Attack Specialist

##### Description

- Understand how to perform a red-team simulated attack exercise from planning, through execution to delivery and lateral movement
- Consider the risks to client's systems from executing a simulated attack and be able to list some measures you can take to minimize these risks
- Identify and exploit weaknesses on the internal network whilst minimizing the chance of discovery

##### Examination

Consists of two tasks: a written paper (a set of multiple choice questions and a selection of long form questions that will require written answers) and a practical assessment.

\* Certified Infrastructure Tester (CCT Infra) is the **prerequisite** of Certified Simulated Attack Specialist (CCSAS)

### Certified Level

#### Certified Simulated Attack Manager (CCSAM)

##### Designation

- Certificate for CCASP Certified Simulated Attack Manager
- Certificate for CREST Certified Simulated Attack Manager

##### Description

- Understand of leading a team expertise in Simulated Attacks/Target Attacks
- Gain an overall knowledge including penetration tests, target attack and incidents management
- Build up the ability of simulating a target attack and response reasonable when surrender the target attack in order to minimize the risk against the attack

##### Examination

Written examination includes 150 Multiple Choice questions, long form questions and scenario question.

### ↑ Certified Level ↑

#### Certified Infrastructure Tester (CCT Infra)

##### Designation

- Certificate for CCASP Certified Infrastructure Tester
- Certificate for CREST Certified Infrastructure Tester

##### Description

- Gain hands on experience with an ethical hacking engagement and the techniques used in advanced ethical hacking activities
- Identify common issues encountered during different phases of an ethical security test and ways to work around them

##### Examination

Consists of three tasks: a hands-on practical examination, a multiple choice technical examination and a long form 'essay style' written paper

#### Certified Web Application Tester (CCT Web App)

##### Designation

- Certificate for CCASP Certified Web Application Tester
- Certificate for CREST Certified Web Application Tester

##### Description

- Gain hands on experience with a variety of tools applicable to all phases of an ethical hacking engagement
- Identify common issues encountered during different phases of an ethical security test and ways to work around them

##### Examination

Consists of three tasks: a hands-on practical examination, a multiple choice technical examination and a long form 'essay style' written paper.

### ↑ Registered Level ↑

#### CCASP Registered Tester (CRT)

##### Designation

- Certificate for CCASP Registered Tester
- Certificate for CREST Registered Tester

##### Description

- Understand the techniques used in basic ethical hacking activities, in assessing host and common network services
- Gain hands on experience with a variety of basic tools applicable to all phases of an ethical hacking engagement

##### Examination

Practical examination which is examined using Multiple Choice answers

- Individuals should possess **at least 3 years or more** IT and security related and frequent experience
- CCASP Practitioner Security Analyst (CPSA) is the **prerequisite** of CCASP Registered Tester

### ↑ Practitioner Level ↑

#### CCASP Practitioner Security Analyst (CPSA)

##### Designation

- Certificate for CCASP Practitioner Security Analyst
- Certificate for CREST Practitioner Security Analyst

##### Description

- Acquire knowledge in assessing operating systems, common network services and web application security testing and methods to identify web application security vulnerabilities

##### Examination

Written examination: 120 Multiple Choice questions

- Individuals with around **2,500 hours**
- IT and security related and frequent experience

**Note:** After passing the respective examination, candidate will be awarded with both CCASP and CREST certifications of that examination.

**Training Fee (exclude examination):** CPSA HK\$7,500 | CRT HK\$10,000 | CCT Infra HK\$25,000 | CCT Web App HK\$25,000

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