# CyberCX

# Red Team Assessment

Red Team Assessments evaluate resilience to simulated cyber intrusions. Conducted under real-world cyber-attack conditions, Red Teaming will provide a valuable insight into the effectiveness of the incident detection and response capabilities of your organisation.

Red Teaming is a simulated cyber-attack using tools, techniques, and processes commonly utilised by sophisticated adversaries. It includes reconnaissance activities, system exploitation, network propagation, critical business systems interaction, and exfiltration of corporate and other sensitive information to demonstrate the real-world impact and cost of a targeted cyber-attack against defined business and technical objectives.

## Ideal for

Organisations seeking to understand the real-world impacts of a targeted cyber-attack.

## What we target

Technology, physical and social aspects.

## Why CyberCX Red Team Assessments?

The CyberCX Red Team operations customise cyber-attack scenarios to emulate real-world adversaries which may specifically target your organisation. Our process:

### Step One
### Stakeholder Consultation
Identify key information and physical assets, critical business services (people, processes, technology), and create Red Team Scenarios

### Step Two
### Red Team Operation
Execute Red Team phases and adversary emulation
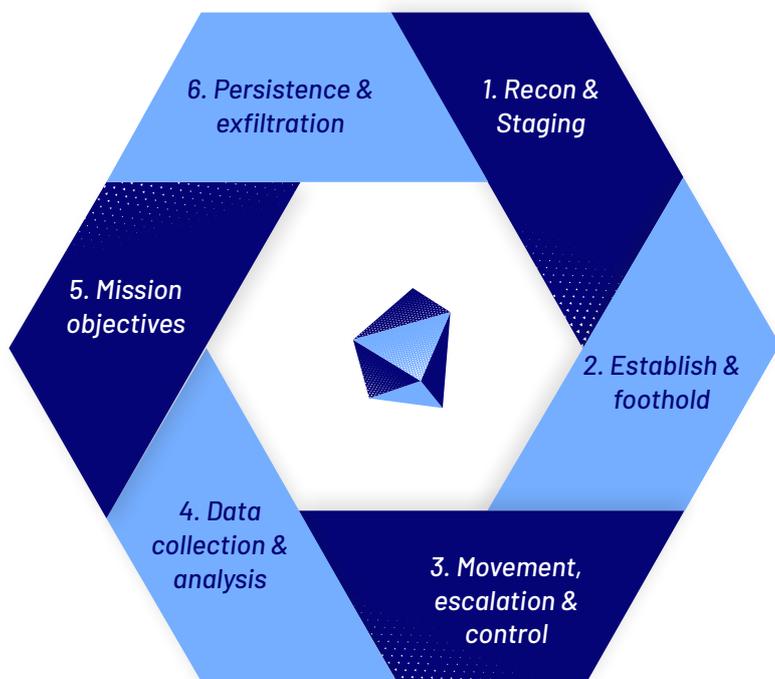
### Step Three
### Report and Presentation
Analyse and collate findings into a report. Present report to stakeholders from the business as well as technical subject matter experts

## Organisational Benefits:

▷ Independently verify your entire security posture by assessing key digital asset protection mechanisms.

▷ Provide you with pragmatic security advice to help identify security gaps and manage risk.

▷ Identify control weaknesses and team training and skills uplift requirements.

▷ Test and assess the efficiency and effectiveness of external service provider security operations.

▷ Identify the most effective security controls to resist the efforts of a concerted real-world attacker.

▷ Measure the effectiveness of current cyber security investment and better understand cyber adversaries.

A Red Team operation is a highly sophisticated exercise, providing you with confidence in your capability to detect and respond to real life adversaries.

Testing covers a range of scenarios and employs an array of methodologies designed to assess the protection of your key digital assets. Red Team engagements follow our customised and refined phased methodology.



6. Persistence & exfiltration

1. Recon & Staging

5. Mission objectives

2. Establish & foothold

4. Data collection & analysis

3. Movement, escalation & control

### Purple Team Replay

During the Purple Team adversary replay, CyberCX will utilise our Red Team specialists to collaborate with Blue Team members to:

▷ Understand and analyse successful detections

▷ Analyse appropriate log sources

▷ Identify gaps in current practices

▷ Replay key attack executions to enhance detection and response capability

## The gold standard in Red Team Assessments.

▷ Our red team testing is conducted by highly qualified cyber security experts using methodologies aligned with frameworks such as CORIE, CBEST, and TIBER-AU.

▷ Enable your blue team to uplift skills and gain valuable insights through purple team adversary replay service.

▷ Provide detailed attack simulation reports, as well as presentation sessions to both business leaders and technical stakeholders.

▷ Gain complete understanding of current business threats, technical vulnerabilities and weaknesses.

▷ Allow business leaders to understand the scope, scenarios, results and recommendations to reduce the business risk profile.

▷ Extensive experience responding to and mitigating hundreds of cyber intrusions against systems of national importance.

## About CyberCX

CyberCX is a leading independent cyber security services company with offices across the UK, US and Australia, unifying the most trusted cyber security brands and the experts who built them. CyberCX delivers end-to-end cyber security services and the best cyber security talent with the most comprehensive range of cyber security services to business, enterprise and government.

**Contact us to find out how CyberCX can boost the cyber security skills of your entire organisation.**

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