Course: CREST CRT Exam Preparation

The CRT course leads to the CREST Registered Penetration Tester (CRT) examination, which is recognized by the NCSC as providing the minimum standard for CHECK Team Member status and is designed to assess a candidate's ability to carry out basic vulnerability assessment and penetration testing tasks.

Audience Profile:

- Penetration Tester
- Ethical hackers
- Red Team members
- Vulnerability Tester
- Security Analyst
- Vulnerability Assessment Analyst
- Network Security Operations

Candidate Prerequisites:
Successfully passed the CREST CPSA exam and minimum 2 years of penetration testing experience.

Accreditation:
CREST Approved Training

Duration:
5 Days (40 Hours)

Exam Details:
Exam Code: CRT (Exam is delivered at a CREST examination centre)
Type of questions: Hands-On Multiple choice
Duration: 2 Hours and 30 Minutes
Passing Score: 60%
Exam Voucher Included

Course Outline:

Module 1: Core Technical Skills

Labs:
- Network Mapping and Target Identification
- Interpreting Tool Output
- OS Fingerprinting
- Application Fingerprinting and Evaluating Unknown Services
- File System Permissions

Module 2: Background Information gathering and Open Source

Labs:
- Domain Name Server (DNS)

Module 3: Networking Equipment

Labs:
- Management Protocols

Module 4: Microsoft Windows Security Assessment

Labs:
- Domain Reconnaissance and Active Directory
- User Enumeration
- Windows Vulnerabilities and Common Windows Applications

Module 5: UNIX Security Assessment

Labs:
- User Enumeration
- UNIX Vulnerabilities
- FTP
- Sendmail/SMTP
- Network File System (NFS)
- R-Services
- X11
- RPC Services
- SSH

Module 6: Web Technologies

Labs:

- Web Server Operation
- Web Servers and Their Flaws
- Web Protocols
- Web Application Servers

Module 7: Web Testing Techniques

Labs:

- Web Site Structure Discovery
- Cross Site Scripting Attacks
- SQL Injection
- Parameter Manipulation

Module 8: Databases

Labs:

- Microsoft SQL Server
- Oracle RDBMS
- MySQL