



1 day assessment

Learn from the combined experience of project security managers and vulnerability assessment specialists.

Recommended for IT professionals with a basic grasp of technical security issues who wish to make best use of vulnerability assessment budgets.

AST

The Tigerscheme AST (Associate Security Tester) certification is the basic associate level certification within the security assessment series, designed primarily for buyers of penetration testing and internal penetration testing teams. The certification provides a fundamental grounding in penetration testing theory which leads the way onto the intermediate QSTM qualification in which both theoretical and practical capabilities are assessed separately. The assessment comprises a multiple-choice questionnaire of 80 questions, requiring a pass mark of 70%. The assessment can be taken in isolation, although it is recommended that it be preceded by training available from Tigerscheme's authorised training partners. The assessment and one day training course is available as a single package from authorized training partners.

Objectives

The ITHC Management course is a typical Associate level course. This one-day course is aimed at those who need to specify, procure, manage and/or interpret vulnerability assessments (penetration tests). The course has been drawn together by individuals with extensive experience in managing security tests and, uniquely, its creation has involved the collaboration of vulnerability assessment service providers. It is presented by experienced lecturers and illustrated with a number of real world examples.

The objective of the course is to provide candidates with the tools and techniques necessary to ensure that the objectives of testing are met, and that spend on external specialist skills is optimized.

Key Points

The course is divided into two parts, the first providing an overview of the technical background, the second covering the management aspects. The technical background addresses:

- Basic network security, including firewall functionality, lockdown and hardening, and the principles of Intrusion detection and Intrusion Prevention Systems
- An overview of the threat, encompassing network level attacks, application level attacks (SOAP/XML/ SQL injection), and sources of vulnerability information and alerts
- The basics of the testing process (vulnerability analysis, application level testing, password cracking)
- Maximising the benefit through linkages with configuration/change/patch management and supporting procedures such as incident management.

The management section covers:

- Existing professionalisation schemes and qualifications, their status and when they should be applied
- The need for competition, rotating service suppliers
- Scoping the tests. The importance of stating objectives. Scoping the minimum device set. The need for, and correct use of sampling, rolling out the results. Testing of live systems and testing pre-go-live
- Liabilities and responsibilities, typical dependencies on each party
- Comparing proposals using testing days vs reporting days
- Testing in Practice. Adding ITHC activities to a project plan. Likely things that go wrong, types of contingency
- Reporting, including the benefits of daily washup and the need for a final washup discussion, and who should attend
- Maintaining assurance in the system going forward, managing test connections.

Pre-Requisites

Candidates should possess:

- An outline knowledge of networking and applications
- Knowledge of project management including the ability to interpret a project plan
- A basic understanding of contractual terms and conditions

Authorised training partners:



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Providing excellence in penetration testing

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