

**Specification of Competency Standards**  
**for the Information & Communications Technology Industry**  
**Unit of Competency**

Functional Area - Information Security

Title	Perform application security assessment for the organisation
Code	111191L4
Range	Conduct application security assessment for the organisation and suggest recommendations and follow-up action to enhance application security
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess the knowledge in the subject area</p> <ul style="list-style-type: none"> <li>• Understand the target of the assessment and the tasks that needed to be performed for the assessment</li> <li>• Understand the importance of allocating the appropriate level of resources for performing the assessment</li> <li>• Understand that the assessment should be conducted by qualified personnel with relevant experience and expertise</li> <li>• Understand the needs of application security assessment</li> <li>• Be aware of the different available approaches and methodologies to carry out the assessment, with their advantages and shortcomings</li> </ul> <p>2. Carry out the application security assessment</p> <ul style="list-style-type: none"> <li>• Be able to: <ul style="list-style-type: none"> <li>○ Define in advance the scope and coverage of the assessment, and consolidate all details into a testing plan</li> <li>○ Communicate and inform associated units to notify them of the assessment to minimise potential interruption to the organisation's operation</li> <li>○ Fully consider critical factors while preparing and planning for the assessment</li> <li>○ Carry out the tasks planned for the application security assessment</li> <li>○ Document results and findings of the assessment</li> <li>○ Identify recommendations and follow up actions from the assessment result if necessary</li> </ul> </li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Ensure all related staff members contribute their greatest effort and honesty in activities related to the assessment</li> <li>• Always strike a balance of interests between customers, employees and the company as a whole</li> <li>• Minimise disturbance to the organisation's operation</li> <li>• Comply with the organisation's guidelines and procedures as well as any (local and international) laws and regulatory requirements, if applicable</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to :</p> <ul style="list-style-type: none"> <li>• successfully perform the application security assessment for the organisation</li> <li>• communicate with associated personnel to minimise disturbance to the organisation's normal operation</li> <li>• correctly interpret findings from the assessment and propose appropriate recommendations and follow up actions</li> </ul>
Remark	