

**Specification of Competency Standards**  
**for the Travel Industry**  
**Unit of Competency**

Functional Area - Information technology application and support

Title	Monitor and assess the effectiveness of cybersecurity policies
Code	110751L5
Range	This unit of competency involves monitoring and assessment abilities, and IT skills. Practitioners should be able to master network security policies and standards, monitor and assess their effectiveness, and correct identified security loopholes.
Level	5
Credit	4 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> <li>1. Master network security policies and standards <ul style="list-style-type: none"> <li>• Master the latest developments in network security, including technology and security incidents</li> <li>• Understand the strategies, standards, guidelines and procedures for dealing with cybersecurity incidents</li> </ul> </li> <li>2. Monitor and assess the effectiveness of network security policies <ul style="list-style-type: none"> <li>• Conduct a detailed assessment of the best practice applications</li> <li>• Conduct independent reviews of network security measures and performance</li> <li>• Analyse known network security system problems (such as hardware or software defects) identify the impact of their operation and make corrections</li> <li>• Regularly apply penetration testing tools to study and identify network security vulnerabilities, and reduce or eliminate the chances that identified risks will occur</li> <li>• Review the response strategies for each risk</li> <li>• Conduct a network security assessment</li> </ul> </li> <li>3. Demonstrate professional skills and attitude <ul style="list-style-type: none"> <li>• Regularly assess network security policies to understand the difference between the actual situation and the company's expectations</li> <li>• Honestly assess and report deficiencies in current policies, and actively seek improvements</li> </ul> </li> </ol>
Assessment Criteria	<p>The integrated outcome requirement(s) of this unit of competency is/are:</p> <ul style="list-style-type: none"> <li>• Master network security policies and standards, monitor and assess the effectiveness of network security policies, and correct security loopholes</li> </ul>
Remark	