

**Information and Communications Technology Industry Training Advisory Committee
Software Products and Software Services (SW) branch
Unit of Competencies**

1. Title	Ensure operable application integration architecture is in place								
2. Code	ITSWAR516A								
3. Range	Evaluate and define requirements for any necessary application monitoring and audit functions, and implement these functions on the adopted application integration architecture [Architecture – Application Integration Architecture]								
4. Level	5								
5. Credit	1								
6. Competency	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"></td> <td style="text-align: center;"><u>Performance Requirement</u></td> </tr> <tr> <td>6.1 Establish application auditing requirements</td> <td> Be able to <ul style="list-style-type: none"> ▪ define and establish application auditing requirements and checkpoints based on the adopted application integration architecture ▪ incorporate defined requirements and checkpoints into development methodology </td> </tr> <tr> <td>6.2 Create application audit functions</td> <td> Be able to <ul style="list-style-type: none"> ▪ create quality assurance and audit functions and procedures to ensure the application integration architecture is of high quality ▪ incorporate those defined procedures into relevant documents such as development methodology </td> </tr> <tr> <td>6.3 Implement the audit functions</td> <td> Be able to <ul style="list-style-type: none"> ▪ operate the application quality assurance and audit functions ▪ evaluate the outcomes of the quality assurance and audit functions against the relevant requirements </td> </tr> </table>		<u>Performance Requirement</u>	6.1 Establish application auditing requirements	Be able to <ul style="list-style-type: none"> ▪ define and establish application auditing requirements and checkpoints based on the adopted application integration architecture ▪ incorporate defined requirements and checkpoints into development methodology 	6.2 Create application audit functions	Be able to <ul style="list-style-type: none"> ▪ create quality assurance and audit functions and procedures to ensure the application integration architecture is of high quality ▪ incorporate those defined procedures into relevant documents such as development methodology 	6.3 Implement the audit functions	Be able to <ul style="list-style-type: none"> ▪ operate the application quality assurance and audit functions ▪ evaluate the outcomes of the quality assurance and audit functions against the relevant requirements
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7. Assessment Criteria	The integrated outcome requirements of this UoCs are the abilities to ensure that application integration architecture is executable, manageable and auditable via setting up and implementing audit functions into the adopted application integration architecture.								
Remark	Application audit includes application monitor as it checks the operation of application integration against the requirements of the adopted application integration architecture.								