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

Functional Area - Architecture

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|---|---|
| Title | Analyse the performance, latency and accessibility of systems |
| Code | 111130L4 |
| Range | This UoC involves analysing the performance, latency and accessibility of computer systems across multiple processing environment in accordance with the organisation's guidelines and/or requirements. |
| Level | 4 |
| Credit | 3 （For Reference Only） |
| Competency | Performance Requirements<br>1. Understand the attributes to measure the performance of computer systems across multiple processing environment, including but not limited to:<br><br>• Availability<br>• Extensibility<br>• Interoperability<br>• Maintainability<br>• Reliability<br><br>2. Understand the effect of latency and accessibility of computer systems across multiple processing environment, including but not limited to:<br><br>• Virtualization<br>• Distributed computing<br>• Data center Location<br>• Sensor and actuator network<br>• Streaming media<br>• Esports and online multiplayer games<br><br>3. Know the enhancement of accessibility and analyse the performance of computer systems across multiple processing environment to provide suitable strategies for the benefits of the organisation |
| Assessment Criteria | The integrated outcome requirements of this UoC are the abilities to:<br><br>• analyse the performance, latency and accessibility of computer systems across multiple processing environment for an organisation in accordance with its guidelines and/or requirements.<br>• provide suitable recommendations for the benefits of the organisation. |
| Remark | |