Assessment Requirements for ICTTEN805 Manage solution architecture and impacts in line with organisational processes

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- prepare an architecture plan exploring a range of alternative solutions
- develop interface requirements for effective solutions across multiple architectures
- manage solution architecture systems integration
- analyse impact of proposed project solutions on customers and enterprise
- prepare evidence for customer acceptance and certification of system integration management plan
- produce final project management requirements.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify and define features and operating requirements of complex systems, key performance indicators (KPIs) and service level agreements
- outline information required to define solution architecture and impacts in line with organisational processes
- summarise interdisciplinary concepts across multiple architectures
- outline issues and challenges occurring with system changes
- explain legislation, codes of practice and other formal agreements directly impacting system integration
- summarise manufacturer's requirements for operation of systems equipment
- identify and critique relevant organisational policies and procedures
- outline performance and integration requirements
- summarise solutions architecture alternatives

- summarise specific work health and safety (WHS) requirements that impact activity in terms of safety of self and the public
- outline system element interfaces for solution architecture
- explain system integration plans
- explain validation plans.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances should be typical of those experienced in the Telecommunications – Telecommunications Networks Engineering field of work and include access to:

- a site where development and management of solution architecture systems integration across multiple architectures may be conducted
- software tools currently used in industry
- vendor products, specifications, equipment and enterprise policy required for the activity.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2