ICTSS00148 Cloud Engineering for Intermediate Roles Skill Set

Release 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created to serve as a stackable skill set that builds towards attaining *ICT50220 Diploma of Information Technology*. The units in this skill set comprise the mandatory units required for a specialisation in Cloud engineering in *ICT50220 Diploma in Information Technology.*

Description

This skill set addresses the skills and knowledge required to use code to build, implement, and maintain cloud-based platforms and environments across virtual networks in intermediate roles.

Pathways Information

The units provide credit towards ICT50220 Diploma in Information Technology and other qualifications that allow for selection of these units. The units in this skill set comprise the mandatory units required for a specialisation in cloud engineering in ICT50220 Diploma in Information Technology. Users are advised to consult the skill set pathways section of the current version of ICT Companion Volume Implementation Guide to confirm the currency of this information and for further guidance.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this skill set at the time of publication.

Skill Set Requirements

ICTCLD505 Implement cloud infrastructure with code

ICTCLD506 Implement virtual network in cloud environments

ICTCLD507 Build and deploy resources on cloud platforms

ICTCLD508 Manage infrastructure in cloud environments

Target Group

This skill set is for individuals who work in cloud engineering roles, including cloud architecture engineers, cloud technicians, and other related intermediate roles, who are responsible for implementing and maintaining cloud-based infrastructure and virtual networks, as well as building and deploying resources on cloud platforms.

Suggested words for Statement of Attainment

These units of competency from the ICT Information and Communications Technology Training Package meet industry requirements for a range of intermediate cloud engineering roles in workplace contexts.