



Australian Government

ICTSS00147 Cloud Architecture 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 <i>ICT50220 Diploma of Information Technology</i>. The units in this skill set comprise the mandatory units required for a specialisation in Cloud architecture in <i>ICT50220 Diploma in Information Technology</i>.

Description

This skill set addresses the skills and knowledge required to design, develop and iteratively maintain cloud architecture to support secure and scalable workloads in high availability cloud environments 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 architecture 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

ICTCLD501 Develop cloud disaster recovery plans

ICTCLD502 Design and implement highly-available cloud infrastructure

ICTCLD503 Implement web-scale cloud infrastructure

ICTCLD504 Improve cloud-based infrastructure

Target Group

This skill set is for individuals who work in cloud development roles, including cloud architects, cloud engineers and other related intermediate roles, who are responsible for independently developing and maintaining cloud environments using a variety of 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 roles that develop and maintain cloud architecture in a range of workplace contexts.