



Australian Government

ICTSS00135 Database Maintenance for Introductory 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>ICT40120 Certificate IV in Information Technology</i>. The units in this skill set comprise the mandatory units required for a specialisation in Database maintenance in <i>ICT40120 Certificate IV in Information Technology</i>.

Description

This skill set addresses the skills and knowledge required to iteratively clean, protect, monitor and maintain database functionality and compliance in a range of introductory roles in a range of workplace contexts.

Pathways Information

The units provide credit towards ICT40120 Certificate IV 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 database maintenance in ICT40120 Certificate IV 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

ICTDAT401 Evaluate organisational compliance with data ethics legislation

ICTDAT402 Clean and verify data

ICTDBS414 Complete database backup and restore

ICTDBS417 Identify and resolve common database performance problems

ICTPRG554 Manage data persistence using noSQL data stores

Target Group

This skill set is for individuals who work in information technology data maintenance roles, including data maintenance officers, and other related introductory roles, who are responsible for cleaning, protecting and monitoring databases, to maintain database functionality and compliance.

Suggested words for Statement of Attainment

These units of competency from the ICT Information and Communications Technology Training Package meet industry requirements for maintaining compliant and secure databases, including evaluating organisational compliance with data ethics legislation; cleaning, verifying and backing up data; resolving common database performance problems; and managing data persistence using noSQL data stores in introductory ICT contexts.