



Australian Government

ICTSS00143 Networking Skills 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 Advanced networking in <i>ICT50220 Diploma in Information Technology</i>.

Description

This skill set addresses the skills and knowledge required to install, configure, manage and test networks in intermediate roles to ensure secure virtual computing environments for enterprises.

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 advanced networking 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

ICTNWK529 Install and manage complex ICT networks

ICTNWK536 Plan, implement and test enterprise communication solutions

ICTNWK540 Design, build and test network servers

ICTNWK546 Manage network security

ICTNWK557 Configure and manage advanced virtual computing environments

ICTNWK559 Install an enterprise virtual computing environment

Target Group

This skill set is for individuals who work in intermediate networking roles, including senior network technicians, and other related roles, who are responsible for independently completing advanced networking activities, including installing, configuring, managing and testing virtual computing environments across complex networks.

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 install, configure, manage and test networks to ensure secure virtual computing environments in ICT contexts.