



Australian Government

ICTNWK426 Install and configure client-server applications and services

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to install, configure, maintain and support server-side applications on network workstations, in both Windows and Linux based networks.

It applies to individuals working as network administrators and network support roles who implement the installation and configuration of client-server-based software.

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

Unit Sector

Networking

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to provide client-server software requirements	1.1 Identify client-server output requirements according to organisational needs 1.2 Plan client-server solution according to organisational requirements 1.3 Determine required hardware to implement client-server solution 1.4 Determine host operating system for client-server software
2. Install, configure, and manage services	2.1 Install client-server software and client hardware according to organisational policies, procedures and guidelines

ELEMENT	PERFORMANCE CRITERIA
	2.2 Configure client-server software according to vendor guidelines 2.3 Manage installation of upgrades and patches to client-server software environment 2.4 Backup client-server software according to technical and organisational requirements
3. Determine configuration effect on network design	3.1 Identify required utilities to monitor and determine network performance capability according to task requirements 3.2 Create network performance benchmarks 3.3 Determine performance effect on network after installation of client-server software
4. Test and finalise client-server activities	4.1 Test operation of client-server software against task requirements 4.2 Store unused ICT equipment according to manufacturer specifications and organisational procedures 4.3 Obtain sign-off from required personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Numeracy	<ul style="list-style-type: none"> Interprets numerical information to analyse memory, hard disk and performance requirements
Oral communication	<ul style="list-style-type: none"> Selects appropriate form, channel and mode of communication for a specific purpose relevant to own role
Reading	<ul style="list-style-type: none"> Recognises and interprets technical and vendor-specific information to determine business requirements

Unit Mapping Information

Supersedes and is equivalent to ICTNWK407 Install and configure client-server applications and services.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>