



Australian Government

ICTNWK427 Configure desktop environments

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 and support a desktop and workstation operating system in a networked environment.

It applies to individuals with competent technical skills employed in Information and Communications Technology (ICT) support roles or similar.

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 install a desktop operating system	1.1 Determine desktop applications and feature requirements according to organisational requirements 1.2 Determine licensing, data migration, hardware and system requirements according to organisational requirements 1.3 Implement local data backups according to organisational and technical requirements
2. Install desktop operating system	2.1 Install and upgrade desktop operating system and applications according to task requirements 2.2 Configure and connect network settings and workstation according to task requirements 2.3 Patch operating system and applications according to task requirements

ELEMENT	PERFORMANCE CRITERIA
	2.4 Restore local data to new workstation
3. Configure desktop environment	3.1 Configure required hardware devices 3.2 Administer user environment according to task requirements 3.3 Create file and directory structure according to task requirements 3.4 Configure access to external data and desktop applications according to business requirements
4. Operate command line interface	4.1 Open command line interface and run commands and scripts according to task requirements 4.2 Manipulate command line files according to task requirements
5. Configure desktop security	5.1 Modify default user security settings according to organisational policies and guidelines 5.2 Modify file and directory ownership, permissions and password security 5.3 Configure and implement security settings for desktop applications according to business requirements
6. Monitor and test desktop	6.1 Test desktop environment functionality and performance according to organisational requirements 6.2 Diagnose and rectify desktop operating errors according to task requirements 6.3 Document desktop environment and lodge with required personnel according to organisational policies and procedures

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">Analyses and demonstrates an understanding of numerical test measurements to evaluate workstation performance
Oral Communication	<ul style="list-style-type: none">Uses listening and questioning techniques to confirm information and requirements using industry for intended audience
Reading	<ul style="list-style-type: none">Identifies and interprets technical material, organisational policy and regulatory information to determine job requirements

Writing	<ul style="list-style-type: none">• Prepares documentation detailing finalised process according to specified requirements
Problem solving	<ul style="list-style-type: none">• Makes decisions that demonstrates an understanding of implications of legal and regulatory responsibilities related to own work

Unit Mapping Information

Supersedes and is equivalent to ICTNWK408 Configure a desktop environment.

Links

Companion Volume Implementation Guide is found on VETNet -

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