ICTNWK430 Deploy software to networked computers

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 plan, manage and support installation of new and upgraded software to networked computers according to vendor and organisational specifications.

It applies to individuals involved in installing, configuring, maintaining and supporting software, including network administrators and network support staff.

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
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Determine operating system requirements	1.1 Determine software and licensing according to organisational requirements 1.2 Determine hardware needs according to organisational requirements 1.3 Determine hardware and software requirements against local area network (LAN), wide area network (WAN), and wireless networks
2. Obtain deployment software to automate deployment	2.1 Determine required deployment software according to task requirements 2.2 Obtain required software and licences, technical specifications and support arrangements from vendors 2.3 Store software licences and manuals according to

ELEMENT	PERFORMANCE CRITERIA
	organisational guidelines
3. Automate installation of operating system	3.1 Plan and deploy operating system according to vendor installation procedures and organisational requirements
	3.2 Configure and test installation according to vendor specifications and organisational requirements
	3.3 Install updates and patches according to task requirements
4. Automate installation of software packages	4.1 Plan and deploy software packages according to vendor installation procedures and organisational requirements
	4.2 Configure and test installation to task requirements
	4.3 Install required updates and patches according to task requirements
5. Test and sign off	5.1 Test installed operating system and software and confirm error-free performance
	5.2 Document security and licensing agreements according to organisational policies and procedures
	5.3 Submit documentation to required personnel for final approval sign off

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
Oral Communication	• Uses active listening, observational and questioning techniques to confirm information and determine job requirements
Reading	• Recognises and interprets written technical, licensing and organisational
Writing	• Prepares required documentation conveying explicit recommendations, requirements and information using specific and relevant language
Planning and organising	• Uses effective planning structures and prioritises tasks according to output needs

Unit Mapping Information

Supersedes and is equivalent to ICTNWK411 Deploy software to networked computers.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2