Australian Government

ICTTEN203 Install and configure a home or small office network

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 2.0.

Application

This unit describes the skills and knowledge required for entry level networking support to establish a small office or home office (SOHO) internet connected PC network.

It applies to individuals who may work as an installer or network technician configuring small networks with simple internet protocol (IP) addressing schemes that share a limited range of resources.

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

Unit Sector

Telecommunications – Telecommunications Networks Engineering

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. Prepare for installation of home or small office network	1.1 Prepare for given work confirming site-specific work health and safety (WHS) and environmental requirements with appropriate personnel
	1.2 Identify safety hazards and implement risk control measures in consultation with appropriate personnel
	1.3 Determine nature and scope of the network and network resources from job briefs or appropriate personnel
	1.4 Select and obtain personal computer system and network device requirements according to enterprise procedures
	1.5 Obtain operating instructions, manuals, hardware and software

ELEMENT	PERFORMANCE CRITERIA
	testing methodologies
	1.6 Consult appropriate personnel to ensure task is coordinated effectively with others involved at the worksite
2. Install and troubleshoot home or small office network	2.1 Set up personal computer systems according to manufacturer's specifications and enterprise procedures
	2.2 Set up, configure and share network resources between network devices
	2.3 Determine network addressing scheme for network connectivity and confirm using calculations
	2.4 Troubleshoot network and internet connectivity according to manufacturer's specifications and enterprise procedures
	2.5 Identify security threats and initiate control measures according to enterprise procedures
3. Complete and document network installation	3.1 Restore worksite to safe condition according to established safety procedures
	3.2 Record and store essential installation information according to enterprise procedures
	3.3 Notify appropriate personnel of completion of the task according to enterprise procedures
	3.4 Notify appropriate personnel and obtain sign-off

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Writing	3.2, 3.4	• Completes workplace documentation accurately using appropriate form and vocabulary for intended audience
Oral Communication	3.3, 3.4	• Conveys specific messages efficiently and uses an appropriate tone and vocabulary for intended audience
Numeracy	2.3	• Confirms decisions using basic calculations and predictions
Navigate the	1.1-1.4, 2.4, 2.5,	• Follows legislative requirements and organisational protocols, policies and procedures relevant to own role

     Future Skills Organisation

world of work	3.1-3.3	
Interact with others	1.1-1.3, 1.6	• Collaborates and cooperates with others to achieve specific outcomes
Get the work done	1.4, 1.5, 2.1-2.5	• Prioritises and plans work to meet organisational requirements and client expectations • Recognises and anticipates a range of problems, actively looking for early warning signs and implementing contingency plans when appropriate

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTTEN203 Install and configure a home or small office network	ICTTEN2207A Install and configure a home or small office network	Updated to meet Standards for Training Packages.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2