Australian Government

ICTNWK615 Design and configure desktop virtualisation

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 1.0.

Application

This unit describes the skills and knowledge required to design, and configure, the desktop virtualisation technologies needed to support an enterprise virtualisation business solution.

It applies to senior networking staff responsible for increasing the sustainability of an enterprise.

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. Prepare the design specifications and plan to implement enterprise desktop environments	1.1 Research the available desktop virtualisation software vendors 1.2 Evaluate the desktop virtualisation environment 1.3 Analyse and compare, the features and components of desktop virtualisation environment 1.4 Identify the desktop-specific design objectives, requirements and limitations 1.5 Document the design infrastructure, according to the enterprise requirements 1.6 Plan implementation and deployment, using the recommended design

ELEMENT	PERFORMANCE CRITERIA
2. Implement and configure the desktop virtualisation infrastructure and services	2.1 Assess the desktop virtualisation software and analyse its relevance to the enterprise requirements
	2.2 Install and configure the desktop virtualisation environment
	2.3 Implement specific features and functions, in order to provide suitable solutions to identified problems
	2.4 Implement and manage the testing process
	2.5 Apply desktop virtualisation technologies, to an accepted industry standard
3. Implement the application virtualisation	3.1 Plan the implementation and deployment of the application virtualisation software
	3.2 Configure and test the application virtualisation system's components
	3.3 Maintain, update and tune, the system's components

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
Reading	1.1, 1.3, 2.1	• Organises, evaluates and critiques ideas, and information, from a wide range of complex texts
Writing	1.5, 3.1	• Demonstrates sophisticated writing skills by selecting the appropriate conventions and stylistic devices, to express the precise meaning
Navigate the world of work	1.5, 2.1, 2.5	• Works autonomously, making high-level decisions to achieve, and improve, organisational goals • Develops and implements strategies that ensure that organisational policies, procedures and regulatory requirements are being met
Get the work done	1.2-1.4, 1.6, 2.2-2.5, 3.2, 3.3	• Plans strategic priorities and outcomes within a flexible, efficient and effective context, in a diverse environment exposed to competing demands • Makes high-impact decisions in a complex and diverse environment, using input from a range of sources • Identifies the key factors that impact on decisions and their outcomes, drawing on experience, competing

		priorities, and decision- making strategies, where appropriate • Uses digital technologies to manage business operations, and actively investigates new technologies for strategic and operational purposes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTNWK615 Design and configure desktop virtualisation	ICANWK615A Design and configure desktop virtualisation	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