ICTPRG545 Monitor system pilots

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 monitor implementation of a system pilot, and to evaluate its performance through testing and review.

It applies to senior software developers, systems analysts or those in infrastructure operation roles, who implement systems.

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

Unit Sector

Programming and software development

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 to monitor pilot system implementation	1.1 Determine pilot system implementation requirements 1.2 Identify existing pilot and system procedures 1.3 Obtain and determine completeness and relevance of pilot support documentation 1.4 Determine and document required pilot system updates according to organisational requirements 1.5 Submit documentation to required personnel and seek and respond to feedback
2. Monitor implementation of pilot system	2.1 Supervise system functionality and integrity tests according to pilot system implementation plan 2.2 Document system functionality and integrity test findings 2.3 Determine and document technical support requirements

ELEMENT	PERFORMANCE CRITERIA
	according to organisational policies and procedures
	2.4 Provide required technical support
3. Evaluate the pilot system	3.1 Review pilot operation against required pilot objectives, and success criteria and document outcomes
	3.2 Prioritise implement and assess impact of required upgrades and modifications
	3.3 Document the review process and submit to required personnel

Foundation Skills

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

SKILL	DESCRIPTION
Oral communication	• Articulates ideas and requirements, using effective communication techniques and industry standard technical language intended for audience and environment
Reading	• Interprets and critically analyses complex texts
Writing	• Prepares complex workplace documentation detailing review process and outcomes using required structure, layout and technical programming language
Planning and organising	• Sequences and schedules complex activities, monitors implementation, and manages relevant communication • Reflects on outcomes and feedback from others in order to identify general principles and concepts that may be applicable in new situations • Uses analytical processes to decide on a course of action, establishing the criteria for deciding between options, seeking input and advice from others and taking necessary action
Problem solving	• Takes responsibility for decisions about when, and how, to complete tasks and coordinate with others
Self-management	• Identifies and follows relevant organisational policies and procedures
Technology	• Understands the key principles and concepts, underpinning the design and operation of digital systems and tools

Unit Mapping Information

Supersedes and is equivalent ICTPRG518 Monitor the system pilot.

Links

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

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