



Australian Government

PSPSEC021 Undertake government security risk analysis

Release: 1

PSPSEC021 Undertake government security risk analysis

Modification History

Supersedes and is equivalent to PSPSEC005 Undertake government security risk analysis.

Application

This unit describes the performance outcomes, skills and knowledge required to analyse risk against an organisation's operational environment.

Those undertaking this unit work independently and as part of a team using support resources and performing complex tasks in a range of familiar and unfamiliar contexts.

The skills in this unit must be applied in accordance with Commonwealth and State or Territory legislation, Australian standards and industry codes of practice.

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

Pre-requisite Unit

Nil

Competency Field

Security

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

1. Establish security risk context.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1. Confirm strategic and organisational context and identify stakeholders and their expectations.
- 1.2. Identify current and relevant security risk criteria from the security plan.
- 1.3. Obtain information and resources to conduct the risk analysis.

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| 2. Identify security risk. | 2.1. Identify and record potential sources of security risk from the perspective of all stakeholders.
2.2. Use specified methodology and tools to identify risks.
2.3. Consult stakeholders during the risk identification process to finalise a list of risks. |
| 3. Analyse security risk. | 3.1. Identify threat assessments, current exposure and current security arrangements to estimate the likelihood of each risk event occurring.
3.2. Determine potential consequences of each risk including critical lead time for recovery.
3.3. Determine, document and communicate risk ratings and include a rationale for each. |
| 4. Evaluate security risk. | 4.1. Assess risks against the organisation's security risk criteria.
4.2. Prioritise risks for treatment.
4.3. Monitor risks until treatment measures have been implemented. |
| 5. Compile security risk register. | 5.1. Develop a security risk register that records identified risks, their nature and source.
5.2. Identify the consequences and likelihood of risks, and the adequacy of existing controls in the register.
5.3. Record risk ratings for identified risks in register.
5.4. Compile and maintain the security risk register to reflect changes in circumstances.
5.5. Refer risk register to management for decisions on action and treatment of risks. |

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS

DESCRIPTION

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|-------------------------------|--|
| Reading skills to: | <ul style="list-style-type: none"> interpret legislation, regulations, policies, procedures and guidelines relating to government security risk analysis. |
| Oral communication skills to: | <ul style="list-style-type: none"> use effective communication with diverse stakeholders involving listening, questioning, paraphrasing, clarifying, summarising. |

Numeracy skills to:

- represent mathematical information relating to risk analysis in diverse formats.

Unit Mapping Information

Supersedes and is equivalent to PSPSEC005 Undertake government security risk analysis.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bebbece7-ff48-4d2c-8876-405679019623>

Assessment Requirements for PSPSEC021 Undertake government security risk analysis

Modification History

Supersedes and is equivalent to PSPSEC005 Undertake government security risk analysis.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and on at least two occasions:

- analyse an organisation's security plan
- research and critically analyse the operational environment and document conclusions
- write formal and complex reports.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- legislation, regulations, policies, procedures and guidelines relating to government security management
- fraud control and protective security policies
- Australian Government Information Security Manual (ISM) and its successors
- Protective Security Policy Framework (PSPF) and its successors
- risk analysis terminology and techniques
- organisational security plan
- organisational assets and security environment
- risk management principles and guidelines
- key features and requirements of International Organization for Standardization (ISO) standards for risk management.

Assessment Conditions

Skills must be demonstrated in the workplace or in a simulated environment that reflects workplace conditions.

Assessment must ensure access to:

- legislation, regulations, policies, procedures and guidelines relating to government security management
- organisational standards and documentation
- tools and methods used in the organisation for security risk analysis
- resources and equipment required of the working environment.

Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors.

Links

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