TECIS60541

Carry out operational information security management activities

Overview

Operational security management is a collection of associated security activities that help to maintain the ongoing security posture of an organisation. It consists of the monitoring, maintenance and management of the security aspects of the IT estate, its people, and its processes.

This standard defines the competencies required to implement secure operations management activities . This includes establishing processes for maintaining the security of information throughout its lifespan. Developing, implementing and maintaining security operating procedures in accordance with security policies and standards.

Performance criteria

You must be able to:

1. verify that applicable security patches and upgrades are implemented according to the organisation's policy and standards
2. install, operate and update information systems in accordance with organisational standards
3. correctly identify and document the information assets that need to be to protected in line with organisational standards
4. develop information security operating procedures for use across multiple information systems and maintain compliance with them
5. monitor and evaluate the effectiveness of the organisation's operational information security management standards and procedures
6. effectively communicate operational information security management issues and advice to managers and others

Knowledge and understanding

You need to know and understand:

1. how to identify and document information assets
2. how to apply the processes, procedures, methods, tools and techniques relating to security operations management
3. how to install, operate and update information systems in accordance with organisational information security standards
4. the need to verify that software patches and software upgrades have been implemented consistently across enterprise information systems
5. the specific security procedures required for implementing security controls as required by organisational policy and standards
6. the potential implications of the deliverables from information security operations management activities being incorrect, inadequate and/or inappropriate
7. why the ongoing quality and effectiveness of operational information security management activities need to be managed and monitored
8. the importance of considering both physical and non physical controls that need to be applied in order to secure information assets
9. the need to maintain security records and documentation

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