



# ISO 27001 Annex : A.12.7 Information Systems Audit Considerations



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## A.12.7.1 Information Systems Audit Controls

**Control-** The **audit** criteria and activities related to operating system verification should be carefully prepared and decided in order to reduce business process disturbance.

**Implementation Guidance** – It is necessary to follow the following guidance:

1. audit standards for access to systems and data should be negotiated with appropriate management;

2. Scope should be agreed and controlled on the technical audit tests;
3. Audit processing should be restricted to read-only access to applications and data;
4. Access, rather than read-only, should only be permitted for isolated copies of system files, which should be deleted when the audit is completed, or provided with adequate **security** where such files are needed to be held in accordance with the documenting audit requirements;
5. The criteria for special or additional processing should be defined and decided upon;
6. Audit tests that could affect the availability of the system should be carried out outside business hours;
7. To create a reference trail, all access should be controlled and logged.

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