| **assessment case** | | |
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| ASSESSMENT – Base Control, Part 1 of 1 | | |
| Assessment Information from Special Publication 800-53A Rev. 1 (June 2010) | | |
| **SC-33** | TRANSMISSION PREPARATION INTEGRITY | |
| **SC-33.1**  **SC-33.1.1**  **SC-33.1.1a**  **SC-33.1.1b**  **SC-33.1.1c** | **ASSESSMENT OBJECTIVE:**  *Determine if the information system in preparation for transmission protects the integrity of information during the processes of:*   * *data aggregation;* * *packaging; and* * *transformation.*   **POTENTIAL ASSESSMENT METHODS AND OBJECTS:**  **Examine**: [*select from:* System and communications protection policy; procedures addressing transmission integrity; information system design documentation; information system configuration settings and associated documentation; other relevant documents or records].  **Test**: [*select from:* Transmission integrity capability within the information system]. | |
| **Additional Assessment Case Information** | | |
|  | | **POTENTIAL ASSESSMENT SEQUENCING:**  precursor controls: None  concurrent controls: SC-7  successor controls: SC-8 |
| **Action Step** | | **Potential Assessor Evidence Gathering Actions**  **\*\*See “**[**Assessment Case Overview**](http://csrc.nist.gov/groups/SMA/fisma/assessment-cases-overview.html)**” for selecting, tailoring and executing action steps\*\*** |
|  | | *\*\*Assessment Case Assessor Note:* More convincing evidence (i.e., greater assurance) of correct implementation and operating as intended can be obtained through the assessment case actions by:   1. **Replacing bracketed values in action gathering statements to apply greater rigor in the assessment** (e.g, . replacing [“*reviewing*”] with “*studying*” or “*analyzing*”; replacing [“*observing*”] with “*inspecting*” or “*analyzing*”; replacing [“*basic*”] with “*focused*” or “*comprehensive*”); 2. **Replacing bracketed values in action gathering statements to apply greater sample coverage in the assessment** (e.g, . replacing [“*basic”*] sample with “*focused*” or “*sufficiently large”* sample); 3. **Defining additional action steps to the list of action steps suggested herein that exercise additional test methods** (i.e., Examine, Interview or Test) on additional assessment objects. |
| **SC-33.1.1.1**  **SC-33.1.1.1.a**  **SC-33.1.1.1.b**  **SC-33.1.1.1.c** | | **Examine** security plan, information system design documentation, or other relevant documents; [*reviewing*] for the automated mechanisms and their configuration settings to be employed, in preparation for transmission, to protect the integrity of information during the processes of:   * data aggregation; * packaging; and * transformation. |
| **SC-33.1.1.2** | | **Examine** documentation describing the current configuration settings for an agreed-upon [*basic*]sample of the automated mechanisms identified in SC-33.1.1.1.a; [*reviewing*] for evidence that these mechanisms are configured as identified in SC-33.1.1.1.a to protect the integrity of information during the process of data aggregation. |
| **SC-33.1.1.3** | | **Examine** documentation describing the current configuration settings for an agreed-upon [*basic*]sample of the automated mechanisms identified in SC-33.1.1.1.b; [*reviewing*] for evidence that these mechanisms are configured as identified in SC-33.1.1.1.b to protect the integrity of information during the process of data packaging. |
| **SC-33.1.1.4** | | **Examine** documentation describing the current configuration settings for an agreed-upon [*basic*]sample of the automated mechanisms identified in SC-33.1.1.1.c; [*reviewing*] for evidence that these mechanisms are configured as identified in SC-33.1.1.1.c to protect the integrity of information during the process of data transformation. |
| **SC-33.1.1.5** | | **Test** an agreed-upon [*basic*]sample of the automated mechanisms and their configuration settings identified in SC-33.1.1.1.a; conducting [*basic*] testing for evidence that these mechanisms are operating as intended in SC-33.1.1.1.a to protect the integrity of information during the process of data aggregation. |
| **SC-33.1.1.6** | | **Test** an agreed-upon [*basic*]sample of the automated mechanisms and their configuration settings identified in SC-33.1.1.1.b; conducting [*basic*] testing for evidence that these mechanisms are operating as intended in SC-33.1.1.1.b to protect the integrity of information during the process of data packaging. |
| **SC-33.1.1.7** | | **Test** an agreed-upon [*basic*]sample of the automated mechanisms and their configuration settings identified in SC-33.1.1.1.c; conducting [*basic*] testing for evidence that these mechanisms are operating as intended in SC-33.1.1.1.c to protect the integrity of information during the process of data transformation. |
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