



COMPLIANCE COMPONENT

DEFINITION	
<i>Name</i>	System Security Certification and Accreditation Process
<i>Description</i>	<p>Security certification is a comprehensive assessment of the management, operational, and technical security controls for an information system. This is used to determine the extent to which the controls are implemented correctly, operating as intended, and producing the desired outcome with respect to meeting the security requirements for the system.</p> <p>The specific security certification requirements is provided by the entity requiring the certification, such as the Federal Government or grantors.</p> <p>The certification itself is generally performed by a third party or as directed by the requesting authority.</p> <p>System Accreditation is the final step in the process to protect information technology systems. System accreditation confirms that an agency has taken all security precautions needed to operate in a particular security mode using a prescribed set of safeguards at an acceptable level of risk.</p>
<i>Rationale</i>	To document that the system has the required degree of protection for confidentiality, integrity or availability as set forth by an agency or regulating body.
<i>Benefits</i>	<ul style="list-style-type: none"> • System Certification demonstrates that the security safeguards are adequate and appropriate for the system or application. System Certification provides the approving official with a clear understanding of a system's security readiness or a list of any deficiencies. • System Accreditation is the official management decision given by a senior agency official to authorize operation of an IT system. It involves explicitly accepting the risk to agency operations, assets, or individuals based on the implementation of an agreed-upon set of security controls. • Promotes more consistent, comparable, and repeatable assessments of security controls in information systems
ASSOCIATED ARCHITECTURE LEVELS	
<i>Specify the Domain Name</i>	Security
<i>Specify the Discipline Name</i>	Management Controls
<i>Specify the Technology Area Name</i>	System Security Certification and Accreditation
<i>Specify the Product Component Name</i>	
COMPLIANCE COMPONENT TYPE	
<i>Document the Compliance Component Type</i>	Guideline
<i>Component Sub-type</i>	

COMPLIANCE DETAIL			
<i>State the Guideline, Standard or Legislation</i>	<p>The following are generally required for the certification and accreditation process:</p> <ul style="list-style-type: none"> • Periodic assessments of risk in accordance with policies and procedures that ensure information security is addressed throughout the life cycle of each information system • Plans for providing adequate information security for networks, facilities, information systems, or groups of information systems, as appropriate • Security awareness training to inform system users of the information security risks associated with their activities and their responsibilities in complying with agency policies and procedures • Periodic testing and evaluation of the effectiveness of information security policies, procedures, practices, and security controls as set forth by the requesting authority • A process to address any deficiencies in the information security policies, procedures, and practices of the agency • Procedures for detecting, reporting, and responding to security incidents • Plans and procedures to ensure continuity of operations for information systems that support the operations and assets of the agency 		
<i>Document Source Reference #</i>			
Compliance Sources			
<i>Name</i>	<p>NIST SP 800-18 Rev. 1, Guide for Developing Security Plans for Information Technology Systems, NIST SP 800-37 Rev. 1, Guide for Applying the Risk Management Framework to Federal Information Systems: a Security Life Cycle Approach</p> <p>Securities and Exchange Commission (SEC)</p>	<i>Website</i>	<p>www.csrc.nist.gov/publications/Intpubs</p> <p>www.sec.gov</p>
<i>Contact Information</i>	inquiries@nist.gov		
<i>Name</i>	National Institute of Standards and Technology (NIST)	<i>Website</i>	http://csrc.nist.gov/
<i>Contact Information</i>			
KEYWORDS			
<i>List Keywords</i>	Accreditation, Certification, Assessments, Risk, Life Cycle, Procedure, Deficiency, Practice, Plan, Audit, Policy		
COMPONENT CLASSIFICATION			
<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i>	<input type="checkbox"/> <i>Current</i>	<input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>

<i>Sunset Date</i>			
CURRENT STATUS			
<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i>	<input type="checkbox"/> <i>Under Review</i>	<input type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>
AUDIT TRAIL			
<i>Creation Date</i>		<i>Date Approved / Rejected</i>	
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>	06/08/2017	<i>Last Date Updated</i>	06/08/2017
<i>Reason for Update</i>			