

From: [REDACTED] [via 800-171comments](#)
To: 800-171comments@list.nist.gov
Subject: [800-171 Comments] Comments on 800-171 Rev. 3
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Attachments: [sp800-171r3-ipd-comment-template.xlsx](#)

Thank you for all of your work on the new NIST-171 Rev. 3 revision. We are seeking some clarification on levels of encryption and where they can be deployed. Please see the attached. Thank you!

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Comment #	Submitted By (Name/Org):*	Type (General / Editorial / Technical)	Source (publication, analysis, overlay)	Starting Page # *	Starting Line #*	Comment (include rationale)*	Suggested Change*
1	Florida State University - Information Technology Services	Technical	NIST 800-171R3 Draft	49	1877	<p>In reference to 3.13.8: Transmission and Storage Confidentiality. Implement cryptographic mechanisms to prevent the unauthorized disclosure of CUI during transmission and while in storage.</p> <p>Could clarification be provided on whether "FIPS-compliant" cryptography will be considered sufficient to meet the requirement? Vendors are using this terminology, as opposed to "FIPS-validated" to state their products meet the FIPS 140-2 cryptography standard, and therefore meet NIST 800-171 requirements.</p>	Cryptographic standards include FIPS-compliant and FIPS-validated cryptography.
2	Florida State University - Information Technology Services	Technical	NIST 800-171R3 Draft	51	1919	<p>In reference to 3.13.11. Cryptographic Protection. Implement the following types of cryptography when used to protect the confidentiality of CUI: [Assignment: organization-defined types of cryptography].</p> <p>Could clarification be provided on whether cryptography will be required on all applicable components with the network protecting CUI, or will contractors be allowed to determine the level of encryption as well as where encryption is employed?</p>	Cryptography can be employed to support a variety of security solutions, including the protection of CUI. The level and areas requiring cryptography, are implemented in accordance with applicable laws, Executive Orders, directives, regulations, policies, standards, and guidelines, including policies, standards and guidelines developed by the organization. FIPS-validated cryptography is described in [30] [31] [32].

* indicate required fields