

2015 Edition §170.315(e)(2) Secure Messaging

Testing Components: Health IT developer self-declaration to the testing outcomes

Test Procedure Version 1.1 – Last Updated 09/21/17

Please consult the Final Rule entitled: *2015 Edition Health Information Technology (Health IT) Certification Criteria, 2015 Edition Base Electronic Health Record (EHR) Definition, and ONC Health IT Certification Program Modifications* for a detailed description of the certification criterion with which these testing steps are associated. We also encourage developers to consult the Certification Companion Guide in tandem with the test procedure as they provide clarifications that may be useful for product development and testing.

Note: The order in which the test steps are listed reflects the sequence of the certification criterion and does not necessarily prescribe the order in which the test should take place.

Required Tests

(e)(2) *Secure messaging.* Enable a user to send messages to, and receive messages from, a patient in a secure manner.

Standard(s): None

Criteria ¶	System Under Test	Test Lab Verification
(e)(2)	<ol style="list-style-type: none"> The Health IT developer identifies the authentication method, encryption algorithm, and hashing algorithm to be used to send/receive secure messages. The authenticated user sends at least one secure message to the identified test patient. The authenticated user receives at least one secure message from the identified test patient. Negative Test: The authenticated user attempts to send a secure message to a non-existent user. 	<ol style="list-style-type: none"> The tester verifies the authentication method, encryption algorithm, and hashing algorithm to send/receive secure messages. The tester verifies that messages can be sent to an authenticated patient from the Health IT Module. The tester verifies that the authenticated user can receive messages from an authenticated test patient. Negative test: The tester verifies that the authenticated user is notified that attempts to send a secure message to a non-existent user are unsuccessful.

Document History

Version Number	Description of Change	Date
1.0	Final Test Procedure	January 20, 2016
1.1	As of September 21, 2017, Test Procedure has been moved to Attestation/Developer self-declaration only	September 21, 2017

Dependencies: For all related and required criteria, please refer to the [Master Table of Related and Required Criteria](#).