



Connectathon 2007 North America General Rules

1 Introduction

Terms of Participation are included in the application/contract submitted by all participants. Refer to that document, available at <http://www.ihe.net/Connectathon/ihena2007.cfm> for contractual and governance questions. This document provides supplementary guidelines and rules to help ensure successful testing.

2 Governance

1. The Connectathon is sponsored and organized by the American College of Cardiology (ACC), Healthcare Information and Management Systems Society (HIMSS) and the Radiological Society of North America (RSNA).
2. In the event of disagreements over interpretation of test requirements, test results or the IHE Technical Framework, the Technical Project Management Team is the onsite authority. In the event that any such dispute cannot be resolved by the Technical Project Management Team, the IHE Review Committee, consisting of representatives of the sponsoring organizations, will have authority to determine a resolution.

3 Purpose

1. The Connectathon has several purposes that are listed below. Note that all three items are explicit goals of the Connectathon and vendors are required to support all three goals. Specifically, vendors are not to “prepare only for a demonstration”:
 - a. Test vendor implementations of the IHE Technical Framework
 - b. Test the IHE Technical Framework
 - c. Prepare for demonstrations at the HIMSS 2007 and ACC 2007 annual conferences.

4 Attendance

1. All vendors shall participate for the entire week (Monday 11:00am – Friday 12:00 noon).

2. Participating systems shall be configured and ready for testing starting Monday at 11:00. Systems must remain staffed and ready for testing until Friday at 12:00 noon.
3. There will be a brief organizational meeting every morning at 08:30. Please arrive at the test center at 08:00, start your systems and proceed to the meeting area at 08:30. We may decide to split meetings into smaller groups if we cannot accommodate everyone at one time.

5 Test Completion

1. Each participating system will use the Kudu web tool to see a list of tests required for that system. Each system must complete three observed instances of each test in order to receive credit for a given Actor in a given Integration Profile. This three-instance rule is generally a requirement for achieving successful Connectathon testing, and will be referred to as *Thorough Testing*. (See below for exceptions to the Thorough Testing requirement.)
2. Participants are responsible for determining which tests to run and completing those tests. For those systems that support multiple Integration Profiles, this can be a challenge. You will need to monitor your progress and complete the profiles you find important. You may have to drop some tests if time does not permit.
3. Thursday afternoon and Friday is reserved for finishing tests and any demonstration details. For any system that has not completed at least one of the required 3 test instances by the close of Thursday, that system will not be allowed to start new instances of the test on Friday. The purpose of this rule is to make sure participants make steady progress throughout the week and do not wait until the last minute (Friday).
4. Most tests will be run under the term “open testing”. That means that participants are required to find test partners (using the Kudu) and to complete the appropriate tests. Other tests will be directed by Project Managers for these purposes:
 - a. Demonstration preparation
 - b. Those profiles with few actors will have a specific test time assigned by the Project Manager.

6 Exceptions to the Thorough Testing Requirement

1. In cases where an organization has previously passed Thorough Testing for a particular Actor in a particular Integration Profile at a Connectathon whose results are reported in the IHE database (http://www.ihe-europe.org/con_result), that organization will not be required to perform three observed instances of each test in order to receive credit for that

- Actor/Integration Profile combination at a subsequent Connectathon. Instead, such organizations will receive credit for repeat testing if they perform one observed instance of each test for the same Actor/Integration Profile combination. This category of testing will be referred to as *Supportive Testing*, since an important role for such repeat participants will be to support the testing of other Connectathon participants. (Supportive Testing will also be sufficient for such repeat performers to prepare for any demonstrations subsequent to the Connectathon event.) Supportive Testing will not qualify as successful testing in cases where significant revisions have been made to the Integration Profile in which the participant is testing. The Technical Project Managers will provide participants a list of such profiles. In these cases, the Thorough Testing rules will apply.
2. At a given Connectathon, certain profiles may not have enough systems performing particular actors to enable corresponding systems to satisfy the Thorough Testing requirement. In those cases, the following rules apply:
 - a. In cases where fewer than three, but at least one instance of each actor required to fully test an integration profile is subscribed, the participants will be required to test with all available actors. Successful testing in these instances will be reported in the published table of Connectathon results.
 - b. In cases where one or more actors required to fully test an integration profile is not available, participants will have the opportunity to test with any other actors available in that integration profile. In some cases, the Technical Project Managers may also provide simulation tools to play the roles of any missing actors. For actors subscribed in such partially tested profiles, successful testing will be designated in the table of Connectathon results as “Provisional testing”. Companies with systems subscribed to test in such profiles also have the option of withdrawing and receiving a refund of the Connectathon testing fees for that system.
 3. Any test designed as “no peer test” within the Kudu web tool requires one instance of the test. Example of those test are: load data onto the Central Archive requires one instance of the test, or perform system calibration.
 4. We are very short on Order Filler actors. Modalities and Image Manager actors should test with a single Order Filler and not try to monopolize the Order Fillers. Later in the week we will determine if we will allow more access to Order Filler actors.

7 Suggestions for Testing

1. Many tests are simple and repetitive. For example, the ARI tests require Image Displays to exhibit query behavior. Image Displays should line up 3 instances of these tests and then run them all for a single Project Manager.

8 Special Events/Schedule

1. Thursday is the start of testing for HIMSS and ACC demonstrations. HIMSS docents will walk through the tests based on clinical scenarios to be used at the demonstrations to familiarize themselves with the requirements and for participants to work out details.
2. Focused VIP tours will be held beginning on Tuesday and can continue through the rest of the week. IHE representatives will guide these groups to minimize impact on testing for the participants.

A: Profile Designation (Thorough, Supportive, Deprecated, Deferred)

The table in this section lists Integration Profiles and their status for the Jan 2007 Connectathon.

1. Thorough: Profile is relatively new or has changed in the last year and requires that any participant must complete Thorough testing.
2. Supportive: Profile is stable. A participant who has previously completed Thorough testing and has a published Integration Statement may select Supportive testing and participate in the HIMSS or ACC demonstration.
3. Deprecated: Radiology Basic Security is now deprecated. Participants should implement the ITI ATNA profile.
4. Deferred: Subscription for this profile is not sufficient to conduct Connectathon testing, or profile is under revision.

Domain	Profile	Thorough	Supportive	Deprecated	Deferred
Card	CATH				
Card	ECG				
Card	DRPT				X
Card	ED-CARD				
Card	IDCO	X			
Card	STRESS	X			
ITI	RID		X		
ITI	CT		X		
ITI	PWP	X			
ITI	PDQ	X			
ITI	PIX	X			
ITI	PSA		X		
ITI	ATNA	X			
ITI	EUA	X			
ITI	XDS	X			
ITI	NAV	X			

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ITI	DSG	X			
ITI	PAM	X			
ITI	XDM	X			
ITI	XDS-SD	X			
ITI	XDR	X			
Lab	XD*-Lab	X			
PCC	BPPC	X			
PCC	EDR	X			
PCC	PPHP	X			
PCC	XPHR	X			
PCC	XDS-MS	X			
Rad	SWF		X		
Rad	PIR		X		
Rad	ARI		X		
Rad	CPI		X		
Rad	PGP		X		
Rad	SINR		X		
Rad	KIN		X		
Rad	ED		X		
Rad	RWF		X		
Rad	CHG		X		
Rad	PWF		X		
Rad	PDI		X		
Rad	NMI	X			
Rad	TCE	X			
Rad	XDS-I	X			
Rad	SEC			X	
Rad	FUS	X			

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Rad	IRWF	X			
Rad	MAMMO	X			