

Integrating the Healthcare Enterprise



IHE 2009 North American Connectathon Facts for Participants

Revision 3.1
August 22, 2008

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Contents

1 Introduction2

2 Purpose of the IHE North American Connectathon.....3

 2.1 IHE Connectathon Results4

 2.2 IHE Integration Statements4

3 Definitions5

4 Registration6

 4.1 IHE Connectathon Registration6

 4.2 Thorough vs Supportive Testing.....7

 4.3 HIMSS 2009 IHE Interoperability Showcase Registration7

5 IHE Registration/System Requirements.....8

6 IHE Profiles to be Tested8

7 MESA.....9

 7.1 MESA Test Process9

8 IHE Connectathon Test Process11

9 IHE Connectathon / IHE Showcase Demonstration Linkage12

10 Time Management.....12

11 IHE Connectathon Rules12

12 Skype.....13

13 Important Dates for IHE 2009 North American Connectathon14

14 Contact List15

15 Email Lists.....16

16 Important Web Addresses17

17 Kudu Description18

18 ATNA Profile and Digital Certificates.....18

19 IHE Showcase Demonstration Advice18

20 Miscellaneous IHE Connectathon Advice19

1 Introduction

The audience for this document is anyone responsible for managing or testing a system in the IHE 2009 North American (NA) Connectathon in Chicago in February 2009. This document provides a set of facts, definitions and dates with collected information designed to prepare engineers and other support staff/participants for the IHE 2009 NA Connectathon.

Additional resources for participants in the IHE 2009 North American Connectathon are provided on http://www.ihe.net/north_america/connectathon_2009_participants.cfm, including:

- ***IHE 2009 North American Connectathon Policies & Guidelines***: This is a comprehensive document describing the rules, fees and testing requirements for the IHE 2009 North American Connectathon. The audience for this document is the managers who are responsible for registering systems for Connectathon testing and the engineers who will participate in the Connectathon.
- ***IHE 2009 North American Facts for Participants***: This document provides extensive details for any of your staff participating onsite at the Connectathon or who may be offsite (not attending the Connectathon) but will support Connectathon activity for your firm.
- ***IHE 2009 North American Connectathon Product Managers Summary***: This is a condensed summary of the *IHE 2009 North American Facts for Participants*. This distilled version highlights Connectathon information and key dates designed for managers responsible for understanding the overall scope of Connectathon testing and allocating resources.
- ***IHE 2009 North American Connectathon Key Dates & Timeline***: A timeline of activities and due dates for the Connectathon and HIMSS2009 Showcase participants.
- ***Kudu***: Home of IHE 2009 NA Connectathon registration and test management. Will be available August 26, 2008. <http://ihe-kudu.wustl.edu/na2009>
- ***IHE Connectathon Managers' Resources for Implementers***: Provides access to test tools, code tables, developers' notes and many other resources needed by engineers implementing IHE profiles in their product: http://ihewiki.wustl.edu/wiki/index.php/North_America_2009

See also:

- <http://www.ihe.net/> - all general IHE information
- <http://wiki.ihe.net> - used for collaborative creation of IHE materials and for documenting ongoing activities. Contains engineering and other material that will primarily help developers.

2 Purpose of the IHE North American Connectathon

The IHE 2009 North American Connectathon is a week-long testing event managed by the sponsoring organizations, [HIMSS](#) and [RSNA](#). Currently there are events annually in North America, Europe and Asia. The major goal of the IHE Connectathon is to promote the adoption of IHE standards-based interoperability systems in commercially available healthcare IT systems. The Connectathon serves as an industry-wide testing event where participants can test their implementations with those of other vendors. As of 2008, over 300 vendors worldwide have implemented IHE profiles in their products

IHE staff record the results of the testing and produce a results matrix [http://ihe.univ-rennes1.fr/con_result] that lists the Integration Profile and Actor combinations that each participant has tested. The results do not indicate or imply that an organization/vendor has a product that is ready for market. However, successful results are published and promoted by the sponsors to inform the healthcare community about the adoption of IHE solutions by industry and to encourage purchasers of healthcare IT systems to require support of IHE Actors and Integration Profiles in their requests for proposals and purchasing specifications.

IHE Connectathon participants are encouraged to offer the IHE Integration Profile/Actor combinations they test in commercially available systems as quickly as possible. When they do they are encouraged to publish IHE Integration Statements to describe for prospective purchasers the IHE capabilities offered in these systems. IHE maintains a page of links [http://www.ihe.net/Resources/ihe_integration_statements.cfm] to company sites where Integration Statements are published and encourages purchasers of healthcare IT systems to consult these documents to identify IHE-compliant systems.

Participation in IHE demonstrations requires that an organization successfully complete a minimum set of tests for any actor/profile pair to be demonstrated. A demonstration manager will publish the minimum requirements for demonstration participation and evaluate the IHE Connectathon tests. Systems that do not successfully complete the required tests for an actor/profile combination are not included in public IHE demonstrations. By signing up for an IHE demonstration, the company is accepting the part of the IHE process that is the Connectathon testing.

Many vendors participate in IHE Connectathons without any direct plans to participate in a demonstration. Even in cases where vendors are participating in preparation for a demonstration, the major goal of the IHE Connectathon is to refine the implementation of IHE Actors and Integration Profiles in the systems being tested.

In February 2009, the North American sponsors will combine the testing event with a conference. The targeted audience for this event includes vendor and provider executives, public health officials, systems implementers, purchasers, users and other stakeholders in healthcare IT systems interoperability and decision makers from the U.S., Canada and elsewhere who play critical roles in implementing regional and national health information networks. Participants in the testing process are not expected to attend or deliver presentations associated with the Conference. Conference

attendees will be offered guided tours of the testing area. These tours will be conducted and scheduled so as to interfere as little as possible with the testing process.

2.1 IHE Connectathon Results

Each IHE actor/profile combination is assigned a series of unit and system tests to perform. When a system completes the required set of tests with the required number of partners, the IHE Connectathon managers update an electronic database to indicate that the participant completed that suite of tests. After the IHE Connectathon is completed and after several days of review, all results that indicate completed testing are published in a common database/web server. IHE does not publish any results that indicate an organization tried but did not complete testing.

Leverage the global reach of IHE: Participants are encouraged to refer to their participation in the IHE North American Connectathon in marketing and promotional materials. The appropriate language to use is to indicate that the vendor has “*completed Connectathon testing of <<one or more specific IHE actors in one or more IHE integration profiles>>*”.

Companies are strongly discouraged from using IHE participation to make unsupported product claims, including comparisons with other vendors. Claims using such words as “gold stars,” “certification,” and “validation” are not appropriate, as the Connectathon is not a certification event and IHE is not a certifying body. Companies using references to their IHE participation in ways that, in the view of the sponsoring organizations, violate the spirit of the initiative will risk having their names removed from the official list of IHE participants.

Again, publishing IHE Integration Statements is the best way to document your products’ IHE capabilities.

2.2 IHE Integration Statements

Publication of IHE Integration Statements is the responsibility of vendors. IHE will publish links to participating vendor Integration Statements but makes no claims about the validity of such statements. It is the responsibility of the vendor to provide IHE with the direct link to its web page listing the Integration Statements.

A vendor is NOT required to participate in a Connectathon in order to publish an IHE Integration Statement.

3 Definitions

Sponsor: One of the professional societies who convene/manage/sponsor the activities in a specific domain. With committees, they set the overall vision for IHE, Connectathon and demonstrations. Implementation is left to committees, participants and project managers. The sponsors for IHE in North America are the [Health Information Management Systems Society \(HIMSS\)](#) and the [Radiological Society of North America \(RSNA\)](#).

Planning Committee: In a domain, the collection of participating vendors with sponsor representation who plan the annual cycle for a domain. This typically includes selecting the Integration Profiles to be written and developing marketing material.

[http://wiki.ihe.net/index.php?title=ITI_Planning_Committee]

Technical Committee: In a domain, a collection of participating vendors with sponsor representation who write the Technical Framework for that domain. May share members with the Planning Committee or have separate representation.

[http://wiki.ihe.net/index.php?title=Patient_Care_Coordination_Technical_Committee]

Connectathon Manager: Responsible for the overall management of the Connectathon. For NA 2009, these are Lynn Felhofer and Steve Moore, Research Assistant Professor, Mallinckrodt Institute of Radiology, Washington University School of Medicine.

Technical Project Manager: Responsible for Technical Project Management in a specific IHE domain. Technical Project managers work with Connectathon Managers during Connectathon. For NA 2009, these are Lynn Felhofer, Steve Moore, Manny Furst, Eric Poiseau.

Connectathon Monitor: A member of the industry who will serve as an independent tester during the Connectathon. Monitors will examine tests during real time or will examine evidence after the fact.

Demonstration Manager: Responsible for organizing demonstration at an annual conference. John Donnelly will manage HIMSS 2009.

MESA – The set of software tools used by participating companies implementing IHE capabilities in their systems and preparing for the Connectathon. Their purpose is to provide communication partners, test data and test plans to allow organizations to demonstrate a baseline level of testing as they implement the IHE Technical Framework. Successful completion of MESA tests is a prerequisite to Connectathon participation.

System: A reasonable collection of IHE Actors and Profiles that one would bring to market. The definition is intentionally vague so that sponsors and project managers do not limit collections of actors. However, the term “reasonable” is used to prevent a company from registering one “system” with a combination of 20 actors and profiles to get around registration fees.

Kudu: A web-based Connectathon registration and test management system. With the exception of email lists, most other communication and management processes are handled by this system.

4 Registration

4.1 IHE Connectathon Registration

IHE Connectathon registration consists of an electronic registration system, a printed/signed contract and payment. Questions about the registration process should be sent to moores@mir.wustl.edu or felhofer@charter.net.

1. Each participating organization will register with the Kudu system (<http://ihe-kudu.wustl.edu/na2009>). This system will be open for registration from August 26 through September 30, 2009, with payment due by September 30, 2008.
 - a. Each organization should create one login for the entire organization/company. Use a name that identifies your organization (Siemens) and not an individual (Moore).
 - b. Add an entry to the web system for each system you wish to register. Make sure you add all combinations of actors, profiles, and profile options that you support. Correct Kudu entries (correct profiles, correct actors, correct options) are critical since these Kudu entries determine which MESA and Connectathon tests you must pass for your system.

For some actors/profiles, the Kudu web system will remind you that you are missing a required actor. The Kudu web system is not guaranteed to find all such requirements; you are responsible for that level of detail. If you find inconsistencies between Kudu and the Technical Frameworks please inform the Connectathon Managers (Moore, Felhofer).

- c. You will also need to identify a technical contact (name, email, phone, Skype ID) within your company for each registered system.
 - d. You can work on your registration over a period of days; you can add and delete systems during the registration month.
 - e. Once the registration period is over, you cannot add/remove actors/profiles to your systems. Please make your selections with proper estimates on effort required to complete the work.
2. After you have completed the Kudu electronic registration, use the Kudu system to print a completed contract that lists all of your registered systems. Print the contract, have the responsible person in your organization sign the contract, and send payment to the address listed on the contract. **Signed contracts with payment are due September 30, 2008.**
3. Once a system is registered, a Connectathon Manager (Moore, Felhofer) will email the technical contact for that system to arrange a telephone interview. The purpose of the telephone interview is to make sure your engineers understand what their system has been registered for, and their responsibilities in all Connectathon-related activities. Telephone

interviews will occur between September 15, 2008 and October 15, 2008 and are a requirement for participation.

4.2 Thorough vs Supportive Testing

Refer to 2009 NA Connectathon Rules document for description and rules. See: http://www.ihe.net/north_america/connectathon_2009_participants.cfm

4.3 HIMSS 2009 IHE Interoperability Showcase Registration

Didi Davis is the HIMSS representative responsible for the HIMSS 2009 IHE Interoperability Showcase to be held at the [HIMSS Annual U.S. Conference April 4-8, 2009](#). Questions about HIMSS IHE 2009 Interoperability Showcase Registration should be sent to Didi Davis or Lisa Spellman ihe@himss.org. John Donnelly is the Showcase demonstration manager and will work with demonstration participants on demonstration details.

1. Complete the IHE 2009 North American Connectathon registration application as described above.
2. Obtain a contract from HIMSS (ihe@himss.org). Fill in the contract, making note to list the system names using the keywords registered in Kudu.
3. Send the signed, completed contract with payment to the address listed on the contract. [<http://www.interoperabilityshowcase.org>]

5 IHE Registration/System Requirements

Refer to “2009 IHE NA Connectathon Rules” document. See:
http://www.ihe.net/north_america/connectathon_2009_participants.cfm

6 IHE Profiles to be Tested

The February 2009 IHE North American Connectathon will test IHE Integration Profiles from the following domains:

- Cardiology
- IT Infrastructure
- Lab
- Patient Care Coordination
- Patient Care Devices
- Quality, Research and Public Health
- Radiology

The Radiology domain has deprecated SEC: Basic Security; it will not be tested at the IHE Connectathon. Implement the ITI ATNA profile.

The full list of profiles to be tested at the 2009 IHE North American Connectathon are listed on the following web site:

http://www.ihe.net/north_america/connectathon_2009_participants.cfm

If you do not find your favorite profile on the list, please contact the Connectathon Managers ([Felhofer](#), [Moore](#)).

7 MESA

MESA is the term used to refer to test software that is distributed to vendors in advance of the Connectathon. As discussed in the rules, participants are required to run MESA tests in advance of the IHE 2009 North American Connectathon successfully complete/pass the tests and submit logs indicating success by published dates.

Historically, the MESA software was created by one organization and distributed and supported by that organization. Now that IHE has grown into more domains, the model for software development has changed, as has the support mechanism. To locate the test software needed for your Integration Profile/Actor pairs, please refer to the following web page:

http://ihewiki.wustl.edu/wiki/index.php/North_America_2009

This will include links for all domains and the different producers of software.

7.1 MESA Test Process

Not all profiles will have MESA test software for the 2008-2009 cycle. The list of profiles with MESA tests will be published by the Project Managers (see the URL listed in section 7 above). This web page will also list those profiles without MESA/pre-connectathon tests for the 2008-2009 test cycle.

All participants are required to run a series of software tests in advance of the Connectathon. These are designed as auditing tests to make sure you have prepared in advance; these are not full test suites or certification tests for a profile.

The general model for the MESA tests can be described as follows:

1. A number and name are assigned to each test. Tests cover a use case or requirement that is found directly in a Technical Framework.
2. Each combination of actor/profile pairs will be assigned one or more tests to complete in advance of the Connectathon. These requirements are listed in the Kudu web system.
3. The same test number/name may be reused for different actors in the same use case in the same profile (i.e., testing both the source and target of a transaction). Test names/numbers are not reused across profiles or domains.
4. Each participant is responsible for downloading the appropriate MESA software and installing that software on a system in their laboratory. See the “Important Web Addresses” section below to find the URLs to find the appropriate MESA software.
5. Each participant runs each test as documented. Each test should have an evaluation script or other mechanism for generating a result log or success log. (In some cases, the log may be stored on a remote system if administered remotely, e.g., by NIST). Each participant is responsible for capturing the result/success log and submitting that file to the Kudu system.

6. Each participant is required to submit results for all listed tests. Each participant is required to complete all tests with “0 errors” or other indications that the tests are completed successfully. Participants are not to submit test results with known errors.
 - a. In some cases, the tests will have a bug that you will uncover. For example, some tests may be looking for an HL7 formatted name (WOLF^CHARLES) and your system may send a legally constructed alternative (WOLF^CHARLES^^). Exercise some judgment when reading the MESA results. Post bugs for these erroneous reports, but you may submit your results with annotations to help guide the Project Managers who perform grading.
7. Participants are given a bug-reporting web system to log bug reports on the MESA tools. The tools are our best effort, but we make mistakes or misinterpret the Technical Framework. If you find a significant error in the MESA tools, you are required to submit a bug report and not just declare the test broken. By submitting a bug report, we can fix the problem and reissue the software.

Each participant is required to submit test results by the published deadlines which will be provided by Connectathon Managers ([Felhofer](#), [Moore](#)) in ongoing communications.

- 8.

8 IHE Connectathon Test Process

The Connectathon follows this general model:

1. Participants should arrive at the location the evening before. Come to the site on Monday morning at 8:30am CT to find your boxes. Uncrate your boxes and connect your equipment to the network. The sponsors may support setup work on Sunday. That information will be announced later.
2. Connect to the Kudu web tool using the published IP address. Run several “tests” as dry runs before the official start time (10:00am CT).
3. At 10:00am CT on Monday, all practice tests that you have run are removed from the Kudu web tool. There will be an announcement in advance of this step, and then the database will be cleared. The IHE Connectathon is then open.
4. Use the Kudu web tool which will list potential test partners for tests you need to run. If a potential partner is busy with another test, they will not show up in your list at that moment.
5. Most Kudu tests are unit tests that involve an actor by itself or an actor with one partner. Some tests do require three actors. Experience has taught us to minimize the number of three-actor tests as it is hard to coordinate three people (much less four).
6. Find an idle partner and contact them (walk over to their table, call with Skype. If they have time to test with you, one of you will start the test in Kudu. Complete all of the steps listed in the test. When you are finished, you will use Kudu to mark the test complete. This will signal a Connectathon monitor to come to your table and ask you to repeat the test live and/or show evidence that you completed the test successfully.
 - a. It is considered bad form to use Kudu to find a test partner and to lock that partner with Kudu without asking them first. It is also bad form to just start sending messages to someone and then walk over and ask “Did you get that XXX that I sent you?” The normal and expected Connection response is a blank stare.
7. After you complete a test, go on to start another test. You may find it efficient to use the same partner to run several tests in succession.
8. At the end of Tuesday, Wednesday and Thursday, the Connectathon Managers (Moore, Felhofer) will examine the test results and determine which systems have successfully completed testing for actor/profile pairs. These results are posted in Kudu. You should examine the results in the morning to determine your plan for that day and the remainder of the week.
9. Participants will be grouped into larger test groups during the week for full workflow tests under the direction of the Project Managers. The purpose of these tests is to make sure that different combinations of transactions and/or profiles are properly tested and operational. This will help find issues that are not uncovered by the Connectathon unit tests.

9 IHE Connectathon / IHE Showcase Demonstration Linkage

As mentioned above, the IHE 2009 Connectathon is an IHE requirement for participating in any sponsored IHE demonstration. Each participating system must successfully complete all required tests as a requirement for participation.

Some demonstrations may place other requirements on participants that are not explicitly found in a Technical Framework. The HIMSS Interoperability Showcase may place some requirements on your system for patient identification management that are not defined as prerequisites of other profiles. For example, you may be required to support PIX or PDQ.

It is your responsibility to determine these extra requirements the Demonstration Managers (Donnelly). If these require extra profiles that you had not previously considered, you must register them in Kudu and perform the appropriate tests. Connectathon Managers (Moore, Felhofer) are not monitoring those requirements; they are your responsibility.

10 Time Management

The Sponsors and Project Managers will not hold the Connectathon open for extended periods in the evening to accommodate your testing. You are responsible for managing your time to make sure you complete your tests. Here are some suggestions:

1. Read the Connectathon test plans in advance of the Connectathon. It is our goal to publish at least 30 days in advance. This will help you understand your requirements and also give you the chance to correct any ambiguous statements.
2. After the configuration deadline passes (Nov 14, 2008), load configuration data for all possible test partners in your system before shipping to the Connectathon. There is no reason to configure systems on site. Yes, some poorly prepared individuals will change their configuration on site. We cannot prevent that, but you can be prepared.
3. Make an honest assessment of the tests you need to complete before you arrive and reconsider this at the end of Monday, Tuesday and Wednesday. We will not allow you to add actors/profiles at the Connectathon. However, it is common for testers to realize mid-week that they cannot complete all required tests. If you come to that conclusion, work with the Connectathon Managers (Felhofer, Moore) to remove those combinations from Kudu. That will prevent other partners from pestering you about those actors.

11 IHE Connectathon Rules

See IHE Connectathon Policy and Guidelines on:

http://www.ihe.net/north_america/connectathon_2009_participants.cfm

12 Skype

The Connectathon is held in a large hall and communication is difficult. Testing works best when you are sitting next to your partner so you can communicate. Because this is not physically possible, we will use several methods of communication:

1. The Kudu web tool has a chat window that can be used for each test you run. In brief, this can be used to record comments, data and logs for each test that you run with a partner. This is a great way to store the logs you need to show a Connectathon Monitor after the fact.
2. For more immediate communication, we request that each system have one registered account with Skype (www.skype.com). As long as you are using Skype to Skype communication, the service is free. This will give you audio communication or a more interactive chat session than is possible with Kudu.
3. Some participants have corporate policy that precludes them from using Skype. Your corporate policy on Skype takes precedence over our request for communication. Use your best judgment.
4. Cell phones did not work well in that room in previous years. We expect that will be the same in 2009. Be prepared to leave the room to make phone calls and/or use messaging on your computer.

IHE Connectathon Managers (Felhofer, Moore) may use Skype for the interview process during August and September, but you will not be required to use Skype for that interview. Please register for your account now; you will give us these details when you register your systems in Kudu for the IHE Connectathon.

13 Important Dates for IHE 2009 North American Connectathon

June-August, 2008	IHE June Webinar Series 2008: <i>Changing the Way Healthcare Connects</i> Thursdays in June. Schedule of topics: http://www.ihe.net/north_america/connectathon_2009_participants.cfm
July, 2008	Radiology domain publishes Integration Profiles for Trial Implementation
Aug, 2008	ITI domain publishes new integration Profiles for Trial Implementation PCC domain publishes new Integration Profiles for Trial Implementation. PCD domain publishes new Integration Profiles for Trial Implementation Quality domain publishes new Integration Profiles for Trial Implementation
Aug 26, 2008	Electronic registration for IHE 2009 NA Connectathon opens; registration for IHE Connectathon and HIMSS 2009 is based on this on-line registration. Electronic registration: http://ihe-kudu.wustl.edu/na2009 (available Aug 26, 2008)
Sep 30, 2008	Registration for IHE 2009 NA Connectathon closes. By this date, you should have completed: <ul style="list-style-type: none"> • Electronic registration for IHE Connectathon • Sent contract for IHE Connectathon, with payment, to RSNA • Sent contract for HIMSS showcase, with payment, to HIMSS (if applicable)
Sep 15 – Oct 15, 2008	Telephone interviews conducted by Technical Project Manager for each IHE Connectathon system. A 15 minute telephone interview with the Connectathon Technical Project Managers (Moore, Felhofer) is a required step in the Connectathon process.
Oct 13, 2008	Digital certificates published for systems which have completed Connectathon configuration. Use these for testing with NIST and for Connectathon testing.
Oct 17, 2008	Pre-Connectathon test software installation results are due. This is for all participants in NA 2009 Connectathon. (This is an installation tests to make sure you have installed the software.) Enter results in Kudu (http://ihe-kudu.wustl.edu/na2009)
Oct 29-31, 2008	Mandatory in-person meeting for participants involved in HIMSS 2009 Interoperability Showcase demonstration. Any IHE Connectathon participant <u>not</u> involved in those demonstrations should not attend this meeting.
Nov 14, 2008	Configuration information due for all participants in IHE 2009 NA Connectathon. Enter these in Kudu (http://ihe-kudu.wustl.edu/na2009)
Dec 22, 2008 – Jan 2, 2009	Project Managers Holiday break. Participants will receive no email, phone or other support during this time. Participant email sent to Project Managers during this period will not be answered (either during the break or after). If you need support, you will have to complete that either before or after the break.
Jan 16, 2009	All pre-IHE Connectathon tests results are due in Kudu.
Jan 19-23, 2009	IHE Connectathon Technical Project Managers have completed review of pre-IHE Connectathon test results. Any participant considered at risk for IHE Connectathon failure will be contacted during this week.
Jan 26- Feb 6, 2009	Internet testing for HIMSS 2009 IHE Showcase Demonstration participants.
Feb 23, 2009	System setup begins at 8:30am CT. Connectathon testing begins promptly at 10:00amCT.
Feb 27, 2009	Connectathon ends promptly at 12:00pm CT.
Apr 4-9, 2009	HIMSS 2009 IHE Showcase Demonstration

14 Contact List

There are many individuals involved in managing the IHE NA 2009 Connectathon. Please refer to the list below for contact information.

General Connectathon Logistics, including paper registration/contracts	This is managed by the sponsors and participants can send email to this group but would not be considered part of this group.	ihe@rsna.org
Connectathon Electronic Registration (Kudu) Questions	Steve Moore, Lynn Felhofer	moores@mir.wustl.edu , felhofer@charter.net
HIMSS 2009 Interoperability Showcase Registration	Didi Davis Lisa Spellman	ihe@himss.org
Radiology Sponsor Questions	RSNA	ihe@rsna.org
ITI, PCC, PCD, Quality Sponsor Questions	Didi Davis Lisa Spellman	bdavis@himss.org lspellman@himss.org
Overall Management of Connectathon	Steve Moore, Lynn Felhofer	moores@mir.wustl.edu felhofer@charter.net
Technical Management of: Cardiology, ITI, PCC, Radiology Domains	Steve Moore, Lynn Felhofer	moores@mir.wustl.edu felhofer@charter.net
Technical Management of Lab Domain	Eric Poiseau	eric.poiseau@inria.fr
Technical Management of PCD	Manny Furst	efurst@imp-tech.com
HIMSS Interoperability Showcase Demonstration	John Donnelly	jtdonnelly@intepro.biz

15 Email Lists

There are many email lists used to manage the IHE process and demonstrations. IHE Committee Email lists are maintained on the IHE wiki [http://wiki.ihe.net/index.php?title=Mailing_Lists]

The table below documents mailing lists specific to the IHE Connectathon and HIMSS Interoperability Showcase.

List Function	Email address	Request to be Added
To get added to any of the email lists hosted at RSNA	ihe@rsna.org	
IHE General News. Announcements roughly once per month.	ihenews@rsna.org	ihe@rsna.org
IHE NA 2009 Connectathon information. Lots of notifications from the sponsors and Technical Project Managers. Connectathon questions from participants.	ihe-north-america-connectathon-2009@googlegroups.com	Use Google Groups and self - subscribe
HIMSS 2009 Interoperability Showcase Announcements		
HIMSS 2009 Interoperability Planning Committee		
PCD Specific announcements for Connectathon and/or HIMSS 2009 showcase	pcd-connectathon@rsna.org	Use Google Groups and self - subscribe

16 Important Web Addresses

Function	Owner	URL
All general IHE Information	HIMSS/RSNA	http://www.ihe.net
IHE 2009 NA Connectathon 2009 Participants' Home Page	Connectathon Managers and HIMSS/RSNA	http://www.ihe.net/north_america/connectathon_2009_participants.cfm
IHE 2009 NA Connectathon Managers Resources for Implementers	Connectathon Managers	http://ihewiki.wustl.edu/wiki/index.php/North_America_2009
IHE Wiki with more detailed, engineering information	IHE Co-chairs	http://wiki.ihe.net
IHE 2009 NA Connectathon Electronic Registration (Kudu)	Mallinckrodt Institute of Radiology / INRIA	http://ihe-kudu.wustl.edu/na2009
HIMSS 2009 IHE Interoperability Showcase	HIMSS	http://www.interoperabilityshowcase.org/

17 Kudu Description

These are the main functions you need to understand:

1. Create a login account for your organization
2. Add organizational and contact information
3. Register one or more systems for the Connectathon
4. Enter configuration information for your systems
5. Enter MESA test results for your system
6. Identify test partners before the Connectathon
7. Find the profiles that might be at risk because there are insufficient test partners
8. Find configuration information for all other systems you will test with
9. Find the network configuration information
10. Prior to the Connectathon, review the tests you will be required to perform; provide feedback to Project Managers if you find errors
11. Find the map of the Connectathon area, your table and location of testing partners.

18 ATNA Profile and Digital Certificates

The ATNA profile merits extra consideration as this profile discusses what logging needs to occur and how to secure transactions, but also has other requirements on securing systems. Please read the ITI Technical Framework closely. Even if your system is “only a server”, you still have requirements for logging access to PHI. Digital certificates used in the ATNA profile are the responsibility of the Connectathon Project Managers (Felhofer, Moore) and will be described in a separate document available at the close of registration.

19 IHE Showcase Demonstration Advice

1. Connectathon Managers (Felhofer, Moore) are not managing demonstrations. Discuss HIMSS 2009 IHE Showcase demonstration issues with the proper manager (Donnelly).
2. Your system will have configuration information registered in Kudu. This includes an IP address, port numbers and other parameters. Use the same configuration at the demonstration that you use at the Connectathon. The only change could be that the subnet used at a demonstration is different. In that case, it is likely the last octet of your address will stay the same.
3. After the Connectathon is over, take your equipment home and lock it up in a room. Resist the temptation to “fix this one last thing”. You will spend extra time during the later demonstration setup and irritate your partners.

20 Miscellaneous IHE Connectathon Advice

1. Agile systems that can reconfigure quickly have the best chance of completing more tests. The IHE Connectathon is not a normal installation environment. Rather than installing your software one time in a clinical setting and leaving that unchanged for several months, you will be asked to reconfigure multiple times to test messages with different partners (on the same day, or during a single hour). Some things that might not make sense clinically (a pull down list of targets to send a message) make more sense in a Connectathon.
2. The IHE Connectathon is primarily an engineering event, rather than a public exhibition. Comfortable clothing is encouraged.
3. The network is described in a separate document.
 - a. Do not bring firewalls to the Connectathon or demonstrations. The network should have a firewall.
 - b. If you must bring a firewall, do NOT use NAT to translate from the IP address we give you to something else.
 - c. Do not perform port forwarding.
 - d. Do not use a firewall to split services across machines.
 - e. If you need more IP addresses, ask for them BEFORE the Connectathon; they are free.
 - f. Follow our advice (based on many years of observation). These are just more things that will distract you from your mission.
4. If you are an IHE Connectathon participant and are using equipment that is shipped to the site, know the following:
 - a. Name of the carrier
 - b. Reference number of the shipment
 - c. Phone number/name of the person in your organization who shipped the equipment (and will be at their desk on Connectathon Monday to help you find your equipment).
5. If you are shipping equipment back from the Connectathon, have that information with you in advance of the Connectathon. Do not try to figure that out at the Connectathon site. We recommend that you bring complete pre-printed shipping labels for return shipping.