

Integrating the Healthcare Enterprise

IHE NA 2008 Connectathon Fact Sheet

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Contents

| | | |
|-----|-----------------------------------------------------------------|----|
| 1 | Introduction..... | 2 |
| 2 | Purpose of the Connectathon..... | 3 |
| 2.1 | Connectathon Results..... | 4 |
| 2.2 | IHE Integration Statements..... | 4 |
| 3 | Definitions..... | 5 |
| 4 | Registration..... | 6 |
| 4.1 | Connectathon Registration..... | 6 |
| 4.2 | Thorough vs Supportive Testing..... | 7 |
| 4.3 | HIMSS 2008 Interoperability Showcase Registration..... | 7 |
| 5 | Registration/System Requirements..... | 8 |
| 6 | Profiles to be Tested..... | 8 |
| 7 | MESA..... | 9 |
| 7.1 | MESA Test Process..... | 9 |
| 8 | Network Description..... | 11 |
| 9 | Connectathon Test Process..... | 12 |
| 10 | Connectathon / Demonstration Linkage..... | 13 |
| 11 | Time Management..... | 13 |
| 12 | Connectathon Rules..... | 13 |
| 13 | Skype..... | 14 |
| 14 | Important Dates..... | 15 |
| 15 | Call List..... | 16 |
| 16 | Email Lists..... | 18 |
| 17 | Important Web Addresses..... | 19 |
| 18 | Kudu Description..... | 20 |
| 19 | Domain Specific Notes..... | 21 |
| 20 | ATNA Profile and Digital Certificates..... | 21 |
| 21 | Demonstration Advice..... | 21 |
| 22 | Miscellaneous Connectathon Advice..... | 22 |
| | Appendix A: MESA Test Result Due Dates..... | 23 |
| A.1 | Required Installation Test..... | 23 |
| A.2 | Tests for All Profiles..... | 23 |
| A.3 | Profiles without MESA and/or Connectathon tests in 2007-08..... | 23 |

1 Introduction

The audience for this document is anyone responsible for managing or testing a system in the IHE North American Connectathon in Chicago in January 2008. This document provides a set of facts, definitions and dates with collected information designed to prepare engineers for the NA 2008 Connectathon. You will find additional details in these resources:

- **NA 2008 Connectathon Rules Document** – a comprehensive description of NA Connection 2008 rules, fees and testing requirements. 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.
- **NA 2008 Connectathon Project Managers Summary** – a condensed summary of Connectathon information and dates designed for managers responsible for understanding the scope of Connectathon testing and allocating resources.
- <http://ihe-kudu.wustl.edu/na2008/> - home of NA 2008 Connectathon registration and test management. Will be available August 15, 2007.
- <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 Connectathon

The IHE Connectathon is a week long testing event managed by sponsoring organizations. Currently there are events annually in North America, Europe and Asia. The major goal of the Connectathon is to promote the adoption in commercially available healthcare IT systems of the standards-based interoperability solutions defined by IHE. The Connectathon serves as an industry-wide testing event where participants can test their implementations with those of other vendors.

The sponsors record the results of the testing and produce a results matrix 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. These 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.

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 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 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 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 Connectathon is to refine the implementation of IHE Actors and Integration Profiles in the systems being tested.

In January 2008, 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 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 Connectathon managers update an electronic database to indicate that the participant completed that suite of tests. After the Connectathon is completed and after several days of review, all results that indicate completed testing are published in a common database/webserver. IHE does not publish any results that indicate an organization tried but did not complete testing.

Participants are encouraged to refer to their participation in the 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.

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.

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.

Connectathon Manager: Responsible for the overall management of the Connectathon. For NA 2008, these are Lynn Felhofer and Steve Moore.

Technical Project Manager: Responsible for Technical Project Management in a specific IHE domain. Will work with Connectathon Managers during Connectathon. For NA 2008, these are Lynn Felhofer, Steve Moore, Manny Furst.

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 2008 .

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.

Gazelle: The next version of IHE test tools that will include software that supports both management (a la the existing Kudu tool) and unit tests (the current MESA software). Will be used in a limited trial, Jan 2008.

4 Registration

4.1 Connectathon Registration

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/na2008>). This system will be open for registration from August 15 through September 21.
 - a. Each organization should create one login for the entire organization/company. Use the same name that is listed in the IHE online results if possible. If not possible, use a name that identifies your organization (Siemens) and not an individual (Moore).
 - b. Add an entry to the Kudu 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.

- 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 21, 2007.
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 August 15 and September 28 and are a requirement for participation.

4.2 Thorough vs Supportive Testing

Refer to 2008 NA Connectathon Rules document for description and rules.

4.3 HIMSS 2008 Interoperability Showcase Registration

Didi Davis is the HIMSS representative responsible for the HIMSS 2008 Interoperability Showcase. Questions about HIMSS Interoperability Showcase Registration should be sent to bdavis@himss.org. John Donnelly is the demonstration manager and will work with demonstration participants on demonstration details.

1. Complete the 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 names registered in Kudu.
3. Send the signed, completed contract with payment to the address listed on the contract.

5 Registration/System Requirements

Refer to 2008 NA Connectathon Rules document.

6 Profiles to be Tested

The January 2008 North American Connectathon will test IHE Integration Profiles from the following domains:

- Cardiology
- IT Infrastructure
- Lab
- Patient Care Coordination
- Patient Care Devices
- Quality
- Radiology

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

The full list of profiles to be tested at the NA 2008 Connectathon are listed on the following web site:

http://www.ihe.net/Connectathon/ihena2008_connectathon_participants.cfm

If you do not find your favorite profile on the list, you need to 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 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://www.ihe.net/Connectathon/ihena2008_connectathon_participants.cfm

7.1 MESA Test Process

Not all profiles will have MESA test software for the 2007-2008 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 2007-2008 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.
8. Each participant is required to submit test results by the published deadlines.

8 Network Description

This will be provided in a separate document to participants.

9 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 8:30 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 (11:00).
3. At 11:00 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 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 of the tests found in Kudu 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.

10 Connectathon / Demonstration Linkage

As mentioned above, the Connectathon is an IHE requirement for participating in a 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.

11 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 15), 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.

12 Connectathon Rules

Moved to 2008 Rules document.

13 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. See the Kudu User's Guide for more details. 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 January 2007. We expect that will be the same in 2008. Be prepared to leave the room to make phone calls and/or use messaging on your computer.

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 Connectathon.

14 Important Dates

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jun 11-13, 2006 | IHE Workshop 2007: Changing the Way Healthcare Connects |
| Jun 15, 2007 | Cardiology domain publishes Integration Profiles for Trial Implementation |
| July, 2007 | ITI domain publishes Integration Profiles for Trial Implementation |
| Aug, 2007 | PCC domain publishes Integration Profiles for Trial Implementation. PCD domain publishes Integration Profiles for Trial Implementation |
| Aug, 2007 | Quality domain publishes Integration Profiles for Trial Implementation |
| Aug 15, 2007 | Electronic registration for Connectathon opens; paper registration for Connectathon 2008, HIMSS 2008 and ACC 2008 are based on electronic registration. Electronic registration: http://ihe-kudu.wustl.edu/na2008 |
| Aug 15 – Sep 28, 2007 | Telephone interviews conducted by Technical Project Manager for each Connectathon system. A 15 minute telephone interview with the Connectathon Technical Project Managers (Moore, Felhofer) is a required step in the Connectathon process... |
| Sep 21, 2007 | All registration for NA 2008 closes. By this date, you should have completed: <ul style="list-style-type: none"> • Electronic registration for Connectathon • Sent paper contract with payment to RSNA for Connectathon • Sent paper contract with payment to HIMSS (if applicable) |
| Sep , 2007 | HIMSS 2008 Interoperability Showcase Demonstration Managers meet to define demonstration groups. Demonstration groups to be presented at participant meeting. |
| Oct 5, 2007 | Pre-Connectathon test software installation results are due. This is for all participants in NA 2008 Connectathon. (This is an installation tests to make sure you have installed the software. See Appendix A). Enter results in Kudu (http://ihe-kudu.wustl.edu/na2008). |
| Oct 3-4 , 2007 | Two day mandatory meeting for participants involved in HIMSS 2008 Interoperability Showcase demonstration. Any Connectathon participant not involved in those demonstrations should not attend this meeting. |
| Nov 1, 2007 | Digital certificates published for systems which have completed Connectathon configuration. Use these for testing with NIST and for Connectathon testing. |
| Nov 15, 2007 | Configuration information due for all participants in NA 2008 Connectathon. Enter these in Kudu (http://ihe-kudu.wustl.edu/na2008). |
| Dec 20, 2007 – Jan 2, 2007 | Project Managers Christmas 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. |
| Dec 31, 2007 | All pre-Connectathon tests results are due in kudu. |
| Jan 7-11, 2008 | Connectathon Managers finish review of MESA tests. Any organization considered at risk will be contacted during this week. |
| Jan 28, 2008 | System setup begins at 8:30. Connectathon testing begins promptly at 11:00. Participants are responsible for knowing network information and connecting to network. |
| Jan XX, 2008 | Connectathon Conference program takes place, including organized tours of testing area by conference participants |
| Feb 1, 2008 | Connectathon ends promptly at 12:00. |

15 Call List

There are many individuals involved in managing the IHE NA 2008 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 2008 Interoperability Showcase Registration | http://www.interoperabilityshowcase.org | |
| Radiology Sponsor Questions | RSNA | ihe@rsna.org |
| Cardiology Sponsor Questions | ACC | ihe@acc.org |
| ITI, PCC, Quality Sponsor Questions | Didi Davis | bdavis@himss.org |
| PCD Sponsor Questions | Didi Davis | bdavis@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 PCD | Manny Furst | efurst@imp-tech.com |

NA 2008 Connectathon Fact Sheet

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| Technical Management of Quality Domain | | |
| HIMSS Interoperability Showcase Demonstration Questions | John Donnelly | jtdonnelly@intepro.biz |
| Test Support | varies by domain | |

16 Email Lists

There are many email lists used to manage the IHE process and demonstrations.

| 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 2008 Connectathon information. Lots of notifications from the sponsors and Technical Project Managers. Connectathon questions from participants. | ihe-north-america-connectathon-2008 @ googlegroups.com | Use google groups and self subscribe |
| HIMSS 2008 Interoperability Showcase Announcements | | |
| HIMSS 2008 Interoperability Planning Committee Didi? | | |
| IHE Cardiology Planning Committee | ihe-card-pc@lists.acc.org | |
| IHE Cardiology Technical Committee | ihe-card-tc@lists.acc.org | |
| IHE ITI Planning Committee | itiplan@rsna.org | ihe@rsna.org |
| IHE ITI Technical Committee | ititech@rsna.org | ihe@rsna.org |
| IHE PCC Planning Committee | pccplan@rsna.org | ihe@rsna.org |
| IHE PCC Technical Committee | pcctech@rsna.org | ihe@rsna.org |
| IHE PCD Planning Committee | | |
| IHE PCD Technical Committee | | |
| IHE Radiology Planning Committee | iheplan@rsna.org | ihe@rsna.org |
| IHE Radiology Technical Committee | ihetech@rsna.org | ihe@rsna.org |

17 Important Web Addresses

| Function | Owner | URL |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All general IHE Information | ACC/HIMSS/RSNA | http://www.ihe.net |
| IHE Wiki with more detailed, engineering information | IHE Co-chairs | http://wiki.ihe.net |
| HIMSS 2008 Interoperability Showcase | HIMSS | http://www.interoperabilityshowcase.org |
| NA 2008 Connectathon Electronic Registration (Kudu) | Mallinckrodt Institute of Radiology / INRIA | http://ihe-kudu.wustl.edu/na2008 |
| Test software | Mallinckrodt Institute of Radiology | http://www.ihe.net/Connectathon/ihena2008_connectathon_participants.cfm |

18 Kudu Description

The Kudu system has a user's manual associated with it. You can read the manual pages using the 2007 version (<http://ihe-kudu.wustl.edu/na2007>) until August 15 and the 2008 version once registration opens (<http://ihe-kudu.wustl.edu/na2008>).

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 location, and the location of testing partners.

19 Domain Specific Notes

This document is primarily concerned with Connectathon process. Each domain has separate Planning and Technical Committees who publish the domain-specific information. However, there are some items we can discuss.

These are moved to a web page.

20 ATNA Profile and Digital Certificates

The ATNA profile merits extra consideration. The 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). This will be described in a separate document available at the close of registration.

21 Demonstration Advice

1. Connectathon Managers (Felhofer, Moore) are not managing demonstrations. Discuss 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 demonstration setup and irritate your partners.

22 Miscellaneous Connectathon Advice

1. Agile systems that can reconfigure quickly have the best chance of completing more tests. The 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 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 a 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.

Appendix A: MESA Test Result Due Dates

MESA test results are due on two different dates.

A.1 Required Installation Test

It is important to get the pre-Connectathon test software installed and running in early October.

Representatives of all Connectathon systems shall install the MESA tools and submit test results in Kudu by Oct 5, 2007. This required test (test #1) is documented in the MESA Installation Manual.

A.2 Tests for All Profiles

All other pre-Connectathon tests shall be completed with results entered in Kudu by Dec 31, 2007.

A.3 Profiles without MESA and/or Connectathon tests in 2007-08

| Domain | Profile | Pre-Connectathon Tests | Connectathon Tests |
|--------|----------------------------------------------------------------------|------------------------|--------------------|
| ITI | RFD – Retrieve Forms for Data Capture | No | Yes |
| ITI | XDS / Merge CP | No | Yes |
| ITI | XUA – Cross Enterprise User Assertion | No | Yes |
| ITI | XCA – Cross Community Access | TBD | Yes |
| ITI | PDQ HL7 v3 | TBD | Yes |
| ITI | PIX HL7 v3 | TBD | Yes |
| Rad | SEC: Basic Security. This is deprecated; please implement ITI ATNA | No | No |
| Card | IDCO – Implantable Device Cardiac Observations | No | Yes |
| Card | DRPT – Displayable Reports | No | Yes |
| Card | ED-Card – Evidence Documents – CTA/MRA and Stress testing Supplement | No | Yes |
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