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HEALTH LEVEL SEVEN (HL7) SECURITY AND ACCOUNTABILITY TECHNICAL COMMITTEE

VHA representatives presented material to the HL7 Security & Accountability Technical Committee (TC). The following materials were prepared and submitted to the HL7 Security Technical Committee for the August ballot cycle:

The material presented to the Security TC included the following:

- HL7 RBAC Healthcare Permission Catalog v2.0
- HL7 Healthcare Scenario Roadmap v1.0
- HL7 RBAC Healthcare Scenarios v1.0
- HL7 RBAC Role Engineering Process v1.0
- HL7 RBAC Role Engineer Process Applied Example v1.0

Among the upcoming key activities are to develop scenarios for non-licensed healthcare providers by the end of September 2005 with the intent that the non-licensed healthcare provider permission data will be part of the January ballot. This date also provides the opportunity to prepare for an RBAC demonstration at the HIMSS conference in January 2006.

INCITS CYBER SECURITY (CS1) TECHNICAL COMMITTEE, JUNE 7-8, 2005, WASHINGTON, DC

Organizational Proposal

Rick Kuhn of NIST presented a proposal to form a Task Group to deal with role-based access control (RBAC) implementation issues. This proposal will be balloted at the September 2005 meeting.

Three attendees expressed interest in participating on the proposed RBAC TG. In anticipation of the committee approval of the TG, the individuals plan to begin assembling materials demonstrating their work thus far in RBAC implementation. Rick Kuhn has offered to post these materials on the RBAC Standards Roadmap portion of the NIST RBAC website.

Project Proposals

Project proposals presented that are of interest for RBAC included one dealing with an RBAC-standard-compliant system (Enterprise Dynamic Access Control) to implement RBAC as a dynamic process, presented by Richard Fernandez of US Navy SPAWAR, and one presented by Rick Kuhn and Mike Davis on a Role Based Access Control (RBAC) Profile for Health Care Applications. Discussion on the latter centered on making the proposal more general, as other domains than healthcare could benefit from the results.

Inside this issue:

- Standards updates on OASIS, ASTM and ACM
- Health Level Seven (HL7) and Accountability Technical Committee
- INCITS Cyber Technical Committee Update by Ed Coyne
- HEALTHCARE Scenario Roadmap
- Upcoming Meetings



STANDARDS CORNER

OASIS

Update coming soon

ASTM

Dates announced for
upcoming meeting
(see below)

ACM

Updates coming soon

UPCOMING MEETINGS

- **HL7 Working Group Meeting**
September 11-16, 2005,
San Diego, CA
- **ASTM E31 Meeting,**
November 6-8, 2005,
Dallas, TX

NEWSLETTER NOTES

- Article contributions and submissions should be directed to:
Suzanne.Gonzales-Webb@va.gov
- Questions or corrections regarding this newsletter? Please contact the RBAC Newsletter editor.



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The proposal has been revised to be more general and is being submitted for the September meeting and a committee vote. The new title is "Usage Guide for the INCITS RBAC Standard."

THE HEALTHCARE SCENARIO ROADMAP Non-Licensed Personnel

The RBAC Permission Definition Subcommittee has begun writing healthcare scenarios representative of Non-Licensed Personnel roles. Thus far, twenty-five scenarios have been written and approved. Nineteen additional scenarios have been written and are currently being reviewed for approval by the task force.

The Veterans Health Administration (VHA)/Indian Health Service (IHS) Role-Based Access Control (RBAC) Task Force (TF) continues to amend the Healthcare Scenario Roadmap spreadsheet for non-licensed healthcare roles and responsibilities for increased correctness and completeness. The VHA/IHS RBAC TF has been meeting regularly to resolve issues based on departmental inputs from VA Medical Centers (VAMCs), DoD and IHS throughout the U.S. These updates come directly from non-licensed healthcare personnel in the field. As of August 2005 a total of 25 issues have been received with the current status being 13 Open, 1 Deferred, and 11 Closed.

The Healthcare Scenario Roadmap was developed during weekly discussions with non-licensed personnel on the VHA/IHS RBAC TF being the American Society for Testing and Materials (ASTM) E1986 Standard Guide for Information Access Privileges to Health Information list of "Healthcare Personnel that Warrant Differing Levels of Access Control" as the initial basic role names. The roadmap can function as a foundational tool to assist in defining the scope of the RBAC modeling effort, as well as utilized as a quick reference of healthcare scenarios. The roadmap presents scaleable management of user permissions in the form of a list of tasks as a healthcare standard and is available on the RBAC website.

