

RBAC Newsletter –November 2003

RBAC BASIC ROLES AND TAXONOMY OF FUNCTIONAL ROLES

A list of basic healthcare roles was developed and reviewed by Kaiser Permanente (KP), Department of Defense (DoD), Indian Health Service (IHS), Veterans Health Administration (VHA) and RBAC Task Forces. The list was created starting with American Society for Testing and Materials (ASTM) E1986-98 Standard Guide for Information Access Privileges to Health Information healthcare roles. Those roles were then mapped to the Health Care Provider Taxonomy of the National Uniform Claim Committee (NUCC), as well as to the People Titles from the Department of Veterans Affairs (VA) Enterprise Architecture (EA). Definitions were also written to correspond to these Basic Roles. The list was presented to the VA Office of Cyber and Information Security (OCIS) on 12 November, 2003 for access control identification. OCIS manages and oversees all of the cyber and information security efforts for the Department of Veterans Affairs (VA).

DETAILED CLINICAL SCENARIO REFINEMENT

The VHA Role-Based Access Control (RBAC) Task Force (TF) has created a list of detailed clinical scenarios for healthcare providers, nurses and clerks. The list is currently undergoing analysis and discussion within the KP, DoD, IHS and VHA TFs. The list of clinical scenario topics will be presented to the Health Level Seven (HL7) Standards Development Organization (SDO) at the January 2004 Working Group meeting in San Diego, California. Such a list is a significant step in determining the amount of modeling that is needed, as well as what the HL7 Technical Committee activities should envelop, once modeling becomes part of HL7 activities.

BASIC HEALTHCARE ROLES AND DETAILED CLINICAL SCENARIOS

A spreadsheet (grid) depicting the ASTM E1986-98 Standard Guide for Information Access Privileges to Health Information healthcare roles and the detailed clinical scenarios was developed by the VHA TF and distributed to the KP, DoD, IHS and VHA TFs for approval. All identifiable scenario items and clinically relevant detailed tasks performed by a clinician were noted with an "X" where the role and activity met upon the spreadsheet. Discussions and refinement are currently ongoing. A draft version was delivered to OCIS on 12 November, 2003.

SDO ACTIVITY

- HL7 - VHA HIA is preparing to present an RBAC update to the Personnel Management Technical Committee, Control Query Technical Committee and the Government SIG at the HL7 Working Group meeting in January 2004. In addition, proposed HL7 messaging control structure changes will be presented to the Control Query Technical Committee and the

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role engineering process will be presented to the Modeling and Methodology Technical Committee. VHA plans to propose a consolidated meeting of Task Force members to consider our approach to full realization of the Task Forces goal of a published HL7 Healthcare RBAC Standard. All members will be approached in the near future for their availability for the January 2004 meeting.

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