



Role Based Access Control (RBAC) Role Engineering Overview

Version 1.0

HL7 Security Technical Committee

13 July 2005

This document is an overview of the five documents that together comprise the HL7 Security Technical Committee's Role Based Access Control project work products. This is being submitted for comment by the HL7 community prior to being formalized for a normative committee-level ballot.

| Document | Purpose |
|---|---|
| Healthcare Permission Catalog | This document presents a vocabulary for the healthcare permissions that may be assigned to licensed or certified healthcare providers. The vocabulary will be the normative portion of the forthcoming ballot and are suitable for use in a Role Based Access Control implementation. |
| Role Engineering Process | This document describes the scenario-based role engineering process adopted by the HL7 Security Technical Committee (TC) as of January 2005 for the purpose of defining a healthcare-specific permission vocabulary for Role Based Access Control. |
| Role Engineering Process, Applied Example | This document provides an detailed illustrative example for the Role Engineering Process using the "Lab Frequency Order with Results" storyboard from the HL7 Orders/Observations Technical Committee. |
| Healthcare Scenarios | This document defines all of the scenarios used to develop the Healthcare Permission Catalog document using the Role Engineering Process. |
| Healthcare Scenario Roadmap | This spreadsheet is the key artifact of the Role Engineering process for the defined Healthcare Scenarios |