

## Access Provisioning Sub-Group Minutes

8/22/08

### Discussion Items

D1) Work on list of products/deliverables

1) More uniformity/flow among procedures for each application

2) Make supervisor role required – frame the discussion for CDS/Policy Sub-group

- a. Need brief document to articulate what these roles mean; ds, dm, supervisor, etc. Could Dan do this?
- b. Barry asked what is not working in SIS that requires such a role; HRMS and FIS do not have such a role.
- c. Don indicated that there are so many different elements in SIS that require their own sensitivity, rules, etc.
- d. Dan Rives recalls the term slightly differently – supervisor of the employee that has access. This is different from what the “supervisor” role means in this regard. We need to find a different term if we decide to add this role.

2) Departmental transfer process – uniformity of process (includes terminations, etc.)

- a. Barry would like to see this done through permissions rather than batch jobs and manual intervention.
- b. Alan points out that this all relates to role-based access. See last item on agenda – identify what that means and how it would assist us.
- c. This is just one use case – without role-based access this is not feasible. Don suggested maybe what we need is an exercise that develops use cases surrounding this issue of accounts. Various permutations of access provisioning and de-provisioning. Then you can determine what events trigger these processes.

3) Review of Eligibility to Access draft from SIS (see attachment)

- a. Barry points out that this seems to relate to an individual as opposed to a role. Every job probably has more than one role. Access to specific resources relates to a role.
- b. Simplify for the university the ability to provide access to enterprise data. The library system sets up access to its different modules based on “role”.
- c. Alan mentioned that Burton Group can provide good metrics for what the right ratios should be for roles/jobs. How do we tackle the assignment of roles? Lots of ways to attack this. Check out Burton for relevant documents around this subject.

4) Level 1 – Alan points out that the HR process which requires identification doesn't mean we have any proof at the point of providing your digital identity. Is there some process that needs to link the two?

- a. Dennis points out that there are customer service issues surrounding such a requirement.

- b. Is the current process strong enough? Don points out it is a “risk” assessment. Dennis points out that the Feds assign you a level of trust; part of that assignment has to do with how you deal with the systems.
  - c. This group feels that there are certain items, our “red hot” items which require a higher level of certitude. We need various trust levels. Kevin points out that research data is going to become more of a “red hot” item.
- 5) Best to spend time of this committee developing guidelines and “rules” for access provisioning.
- a. See A5 below.
- 6) Alan Walsh provided an update on password resets. Most current access is done with one central credential. Much is based on Active Directory. There are few cases where you have to have a separate credential. The small one is where we have systems, e.g. unix where you have system administrators, etc. that need a separate credential to do their jobs. The big one is Oracle. The good news is that advanced security module from Oracle has just been agreed to for IU. This will allow us to do the same type of integration we have with CAS. No real details until we get the product in house and see how we might integrate it into central authentication. There is no timeline on implementation of Advance Security.

Dennis pointed out that this also gives us some data encryption possibilities. This committee should advise where we might use this type of encryption. Some of this can be incorporated at the database level and may take place with health information more quickly.

### **Action Items**

- A1. Dan McDevitt will write a brief document articulating what the supervisor role would be; how does it relate to DM, DS, etc. What are the current roles? How does this role differ from the roles that already exist? Work with Kevin Keough.
- A2). CDS needs to begin by endorsing “role-based” access to give it the support it needs.
- A3). Don, Dan McDevitt and Alan will develop uses cases around the idea of access provisioning and de-provisioning. Dan Rives indicated that he has staff to help as well.
- A4). Carolyn will work with Library Technical staff to develop an example of how the library system assigns roles, and how the access provisioning/de-provisioning works.
- A5). Duane will work on taking the Access to Data and Decisions on Data Access in DM01 items and see if these are correct, where there might be gaps, etc. Duane will work with Merri Beth as a resource.