Streamlyne Implementation Project

When Should We Go To The BAR?

RAN Meeting
3/8/2022
Authentication and authorizations goals of the project

• Authentication: method of logging in (you are who you say you are)
• Authorizations: privileges in the system (you have all, and only, the access you need)

• Overall goals of this area (and the whole project):
  • Security
  • Convenience
  • Efficiency and effectiveness
  • Automation

• And...ummmm...streamlining our processes wherever possible. For real : )
Evaluating every current process

• Is everyone happy with it the way it is?
• Can it be made more secure, more efficient, more effective?
• Can manual processes be automated?
• Does the new system (Streamlyne) do it the same way Cayuse does?
Process 1: Requesting access to the system

• Current state: manual request and creation process
Process 1: Requesting access to the system

• Future state: AUTOMATED!
Process 1: Requesting access to the system

• Future state:
  • Direct feed from Banner with everyone who is allowed to use the system
  • “Automated provisioning” means no more requests, no more manual process
  • Will still have an emergency process if access can’t wait for overnight process
  • Automation also enables “automated deprovisioning”, so people’s access is removed when they leave the university!
  • So no requests to OSP, no BAR role, just pure automation!
Process 2: System Administration

• These are the “module administrators”, like Michelle for OSP and Linda for IRB

• These are very powerful elevated privileges in the system so we need to keep track of who has these roles and need to have an audit trail of who approved that access

• Current state: manual process in Cayuse, same issues as the other – pure manual process, no automated deprovisioning

• Future state: BAR roles for the Module Admins and System Admins

• Provides audit trail of requester and approvals, automation, and automated deprovisioning
Process 3: Proposal Approvers

• This is an elevated privilege, more than PIs but less than admins
• Current state: completely manual, no automation, no audit trail, no automated deprovisioning
• Future state: ??
• Can’t automate it completely, since it varies by job title, level, dept
• HUGE group of people, huge manual effort, want to automate

<table>
<thead>
<tr>
<th>Role assignments</th>
<th>458</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departments</td>
<td>226</td>
</tr>
<tr>
<td>Individuals</td>
<td>258</td>
</tr>
<tr>
<td>People with 1 dept</td>
<td>178</td>
</tr>
<tr>
<td>People with multiple depts</td>
<td>75</td>
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Process 3: Proposal Approvers

• Options
  • Continue the purely manual process
  • Create a BAR role for approvers
  • Others??
Discussion and suggestions