## IAM PI-12 Summary Report

### Key IAM Commitments for FY'18:
- Provisioning to HRS Active Directory (11/4) - COMPLETE
- Opt-In functionality for Office365 via HarvardKey for students (3/22)
- All servers out of the 60 Oxford Street Datacenter (6/30)

### Operation Activities

<table>
<thead>
<tr>
<th>Sprint</th>
<th># of Change Release Tickets</th>
<th>Application Outgoing Inflight</th>
<th>Completed</th>
<th># of Tickets Updated</th>
<th># of Tickets Resolved</th>
<th>Priority 1 &amp; 2 Incidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/927 - 10/10</td>
<td>26</td>
<td>7</td>
<td>4</td>
<td>809</td>
<td>475</td>
<td>10/3/17: 2 requests to remove the memberOf attribute from the CAS configuration for wks.harvard.edu; 10/9/17: 2 new IAM entities needed for 5 impacted Salesforce entities prior to SF release</td>
</tr>
<tr>
<td>10/11 - 11/24</td>
<td>11</td>
<td>6</td>
<td>7</td>
<td>1080</td>
<td>467</td>
<td>None</td>
</tr>
<tr>
<td>11/25 - 11/31</td>
<td>8</td>
<td>12</td>
<td>1198</td>
<td>803</td>
<td>12/26: 2 release attributes for 28 applications for SPH</td>
<td></td>
</tr>
<tr>
<td>12/12 - 12/28</td>
<td>17</td>
<td>13</td>
<td>5</td>
<td>1232</td>
<td>561</td>
<td>None</td>
</tr>
<tr>
<td>1/11 - 2/12</td>
<td>10</td>
<td>12</td>
<td>8</td>
<td>835</td>
<td>346</td>
<td>11/29: 2: Helpdesk application XID authentication issues; 12/8: 2: mail forwarding isn't working (<a href="mailto:cts@fas.harvard.edu">cts@fas.harvard.edu</a>)</td>
</tr>
<tr>
<td>2/12 - 3/12</td>
<td>7</td>
<td>15</td>
<td>4</td>
<td>810</td>
<td>367</td>
<td>None</td>
</tr>
</tbody>
</table>

### Total: 12

<table>
<thead>
<tr>
<th>Sprint</th>
<th># of Change Release Tickets</th>
<th>Application Outgoing Inflight</th>
<th>Completed</th>
<th># of Tickets Updated</th>
<th># of Tickets Resolved</th>
<th>Priority 1 &amp; 2 Incidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/116 - 6/28</td>
<td>79</td>
<td>62</td>
<td>40</td>
<td>6,045</td>
<td>2,809</td>
<td>6</td>
</tr>
</tbody>
</table>

### Fiscal Year to Date (6/28 - now)

| 116 | 106 | 85 | 14,003 | 7,315 | 15 |

### Cloud Migration - LDAP
Expanded Enterprise HLDAP system to allow the decommissioning of 3 legacy LDAP systems and support the migration to the cloud by the end of June. Additionally improve, harden, and stabilize the HLDAP Infrastructure to allow for expanded requirements.

### Customer Commitments
Twelve significant customer commitments. Examples include provisioning HRS AD from University IAM systems, Office365 opt-in design for delivery in March, addressing FAS lapsed student system access, allowing Harvard to become an InCommon Research and Scholarship entity, and partnering with the HUIT Messaging and Communication Team on critical planning efforts for O365.

### Cloud Migrations
Continual efforts to move all IAM systems out of the 60 Oxford Street datacenter by 6/30/18. Most efforts involve creating cloud based alternatives to services that live in 60 Oxford Street and then make significant changes to legacy IAM systems to no longer use systems on premise.

### Security and Stability
Address issues that will make the IAM systems more manageable, more protected and predictable for customers.

### Features
- Key IAM Commitments for FY'18:
  - Provisioning to HRS Active Directory (11/4) - COMPLETE
  - Opt-In functionality for Office365 via HarvardKey for students (3/22)
  - All servers out of the 60 Oxford Street Datacenter (6/30)

### All Features
- Key IAM Commitments for FY'18:
  - Provisioning to HRS Active Directory (11/4) - COMPLETE
  - Opt-In functionality for Office365 via HarvardKey for students (3/22)
  - All servers out of the 60 Oxford Street Datacenter (6/30)

### Completed Features
- Release InCommon/REDFIS Research and Scholarship entity category attributes from HarvardKey IDP
- XID Attributes Database view; Prevent non-eligible persons of counting; Clinical Email for HLS Students Design
- UNIVAD Grace and separation rules; FAS LDAP retirement strategy; Remove Key Auth dependency on HU-LDAP
- XID Connector and Provisioning via I2C: XID Apps changed to point to HLDAP including password via I2C. Prevent non-eligible persons of counting (I2C Release) via Code Deploy; Participate in vendor review of Broadcast Communication Vendor RFP; Implement a revised approach to identify deceased employees
- Two Step not required for admitted but not accepted students
- API for Privacy data
- Database for App Registrations (Modify HK Auth to use Database)
- Complete HLDAP Tier with new Scheme; Reactivate Database customers to the cloud. Replace the DGEN ID number assignment with API to decommission HUIDA. Replace the IDResolver with Midas enhancement. Define scope for DCE for ISS5 staff. Make FAS DCE non-student, non-faculty users FAS UNIX permitted. Multiple bug fixes, multiple identities created. Two Step not required for admitted but not accepted students
- Database for App Registrations (Modify HK Auth to use Database)

### Features Added after Commitment
- Security fix of IIP and upgrade to v3.3.2
- Two Step not permitted for admitted but not accepted students
- HU-LDAP Attributes Database view; Phones and Address; HU-LDAP Connectors and Provisioning via I2C; ISS5 Staff Service Opt In Design; XID Attributes Database view; Read-only Database customer to the cloud; Privileged Security / Stability Improvements for KeyAuth (CAS); Change HLDAP account creation processes for Alumni; FAS LDAP retirement strategy; Clinical Email for HLS Students Design
- In-flight Application Onboarding
- API for Privacy data
- Cloud Migrations - LDAP

### Update: 11/29
- Features of PI-12 time complete (16 weeks or holidays)
- Features of PI-12 time completed (16 weeks or holidays)

### Sprint 1 (9/27 - 10/16)
* Completed: 33 features
* In Progress: 12 (36%)
* To Do: 15 (45%)
* Complete/Deferred: 1 (3%)

### Sprint 2 (10/11 - 10/24)
* Completed: 33 features
* In Progress: 17 (52%)
* To Do: 15 (45%)
* Complete/Deferred: 1 (3%)

### Sprint 3 (10/25 - 11/17)
* Completed: 34 features
* In Progress: 21 (62%)
* To Do: 9 (26%)
* Complete/Deferred: 4 (12%)

### Sprint 4 (11/18 - 11/28)
* Completed: 35 features
* In Progress: 17 (49%)
* To Do: 2 (6%)
* Complete/Deferred: 16 (46%)

### Sprint 5 (11/29 - 12/12)
* Completed: 35 features
* In Progress: 13 (37%)
* To Do: 1 (3%)
* Complete/Deferred: 21 (60%)

### Sprint 6 (12/13 - 12/26)
* Completed: 35 features
* In Progress: 8 (23%)
* Complete/Deferred: 27 (77%)

### HSP Sprint (1 - 11/6)
* Completed: 35 features
* In Progress: 8 (23%)
* Complete/Deferred: 27 (77%)

### Updated: 11/29
88% of PI-12 time complete (16 weeks or holidays)