

| #  | Feature   | Value Statement   | Status              | Category            | Primary Customer | Effort |
|----|---|---|---------------------|---------------------|------------------|--------|
| 1  | Trim records in H-LDAP that were provisioned early on, but are not being used by active HarvardKey holders                                      | Reduce quantity of accounts in HLDAP making the system more responsive and easier to support by removing ineligible accounts  | In Progress         | Cloud - LDAP        | HUIT - IAM       | S      |
| 2  | HU-LDAP Connectors and Provisioning via IIQ   | Create the connectors necessary to read data from the database and write attributes to LDAP to allow for the decommissioning of HU-LDAP   | In Progress         | Cloud - LDAP        | HUIT - IAM       | M      |
| 3  | XID Connector and Provisioning via IIQ  | Create the connectors necessary to read data from the database and write attributes to LDAP to allow for the decommissioning of Auth-LDAP   | In Progress         | Cloud - LDAP        | HUIT - IAM       | L      |
| 4  | Migrate Waveset Host: Move UNIX/Homedir/Kerberos gateway  | Migrate gateway hosts that are used by provisioning to new Cloud based hardware to allow us to decommission Hardware and exit the datacenter  | In Progress         | Cloud               | HUIT - IAM       | S      |
| 5  | XID Apps changed to point to HLDAP including password via IIQ MVP   | Modify the XID (Guest access) application to use the new directory and allow for HU/Auth LDAP decommissioning   | In Progress         | Cloud               | HUIT - IAM       | L      |
| 6  | API for Privacy data: pre-requisite to deprecate CDWS   | Allow legacy CDWS infrastructure to be decommissioned and exit the datacenter by 6/30   | In Progress         | Cloud               | Misc             | M      |
| 7  | Analyze and clean-up the two step required attributes in H-LDAP   | Validate data and provisioning activities to ensure 100% enforcement of two-step authentication for all active users  | In Progress         | Security            | Security         | M      |
| 8  | Security fix of IdP and upgrade to v3.3.2   | Shibboleth Identity Provider Security Vuln. Fix   | In Progress         | Security            | HUIT - IAM       |        |
| 1  | Database for App Registrations; Modify HK Auth to use Database  | Remove dependency on Data Center infrastructure. Simplify product management, onboarding, operations reporting and devops management  | Deferred to next PI | Cloud               | HUIT - IAM       | M+     |
| 15 | FAS Lapsed Student deprovisioning implementation  | Enforce a new policy by turning off access to email after 6 semesters on leave  | Deferred to next PI | Customer Commitment | SIS              | L      |
| 16 | FAS LDAP retirement strategy  | Define a plan to merge FAS LDAP into HLDAP to eliminate a significant legacy system and greatly improve support patterns  | Deferred to next PI | Cloud - LDAP        | HUIT - ITS       |        |
| 17 | UNIVAD Grace and separation rules   | Expand lifecycle processes for all University AD accounts to allow for graceful account separation and eventual Out of Office improvements  | Deferred to next PI | Customer Commitment | O365             | M      |
| 18 | Remove Key Auth dependency on HU-LDAP for IDP and CAS   | Stabilize HarvardKey Authentication by removing dependency on unnecessary legacy "on-prem" servers  | Deferred to next PI | Stability           | HUIT - IAM       | L      |
| 2  | Complete HLDAP Shadow Tier with new Schema  | Create a second tier of updated servers to separate traffic to the critical Enterprise Harvard LDAP system to ensure AuthN up time, while also ensuring stability and consistency for Directory Customers | Complete            | Cloud - LDAP        | HUIT - IAM       | L      |
| 7  | Readonly Database customers to the cloud  | Continue work to migrate database to the Cloud via Golden Gate. Start by migrating customers that Read data from the IAM Database to the cloud  | Complete            | Cloud               | Misc             | L      |
| 9  | Replace the IDGEN ID number assignment with API to decommission HUIDA   | Allow us to decommission legacy IDGen service and eventually decommission hardware to get out of the datacenter.  | Complete            | Cloud               | HUIT - IAM       | M      |
| 10 | Midas: Bug fix, multiple identities created with multi-clicks   | Address priority bug with Midas that results in duplicate identities being created unintentionally  | Complete            | Stability           | HUIT - IAM       | S      |
| 11 | Replace the IDRResolve with Midas enhancement   | Allow us to decommission legacy IDRResolve service and eventually decommission hardware to get out of the datacenter.   | Complete            | Cloud               | HUIT - IAM       | S      |
| 19 | HKS Provisioning to AD Release  | Provision the first Professional School Active Directory from central IAM systems   | Complete            | Customer Commitment | HKS              | M      |
| 20 | HU-LDAP Attributes Database view: Phones and Address  | Allow for the decommissioning of legacy HU-LDAP by providing the necessary attributes to allow provisioning of the HU replacement through a database view   | Complete            | Cloud - LDAP        | HUIT - IAM       | S      |
| 21 | O365 Self Service Opt In Design (Approved by O365 steering Committee)   | Design the solution that will allow Students to "opt-in" to Office365 through HarvardKey self service. The solution should allow for future expansion to populations beyond students.                     | Complete            | Customer Commitment | O365             | M      |
| 22 | XID Attributes Database view  | Allow for the decommissioning of legacy Auth-LDAP by providing the necessary attributes to allow provisioning of the Auth replacement through a database view   | Complete            | Cloud - LDAP        | HUIT - IAM       | S      |
| 23 | Prevent non-eligible persons of claiming (SS Release) via Code Deploy   | Improve security by limiting who can claim HarvardKeys  | Complete            | Security            | HUIT - IAM       | S      |
| 24 | Prioritized Security / Stability Improvements for KeyAuth (CAS)   | Improve Key Authentication to protect against potential attacks, improve logging, and reduce false positives for error alerting   | Complete            | Stability           | HUIT             | M      |
| 25 | Change HLDAP account creation processes for Alumni without any other active role to only do so when someone claims                              | Prevent the over creation of HLDAP accounts; Allow the removal of ~ 300k unused Alumni accounts. Ensure Alumni accounts are created only when needed by HarvardKey  | Complete            | Cloud - LDAP        | HUIT - IAM       | M      |
| 26 | Make FAS DCE non-student, non-faculty users FAS UNIX permitted so that we do not create so many FAS UNIX accounts by default                    | Address an operational issue where we occasionally run out of capacity to create more FAS Unix accounts. Remove automatic creation from unnecessary user types  | Complete            | Customer Commitment | HUIT - IAM       | S      |
| 27 | Release InCommon/REFEDS Research and Scholarship entity category attributes from HarvardKey IDP   | Allow Harvard to become an InCommon Research and Scholarship entity as approved by the CIO Council  | Complete            | Customer Commitment | Research         | M      |
| 28 | Create separate community for FAS PHD with Education (GSE Phd) so that we can default the email domain to GSE correctly for email self-service. | In order to support self-service for grad students, we need to separate certain users into their own community so that we can provision the proper email domains later: @gse, @hms, @sph, etc.            | Complete            | Customer Commitment | O365             | S      |
| 29 | Create separate deferred student admission communities during PI-12 so that they are there for student email self service                       | In order to support self-service for grad students, we need to separate certain users into their own community so that we can provision the proper email domains later: @gse, @hms, @sph, etc.            | Complete            | Customer Commitment | O365             | S      |
| 30 | Create separate pending student communities during PI-12 so that they are there for PI-13 Self Service.   | Necessary to enforce a shorter grace period on the accounts. Must keep each school separate so that we can drive email domain assignment of the community for Self-Service                                | Complete            | Customer Commitment | O365             | S      |
| 31 | Participate in vendor review of Broadcast Communication Vendor RFP; design integration  | Work with the ITCRB program to ensure we have an appropriate plan for Enterprise broadcast communication needs  | Complete            | Customer Commitment | O365             | M      |
| 32 | Support MCT design and planning of email migrations for Clinical Email for HLS Students (Create AD strategy)                                    | Support the creation of a formal plan for support of HLS clinical student email   | Complete            | Customer Commitment | O365             | M      |
| 33 | Define scope for DCE for O365 staff, including implementation plan. (Resources: Masha & Ken)  | Define a plan for IAM to meet MCT commitment to provision O365 for DCE as part of finishing the O365 migration. Scope of the populations who need it still being determined.                              | Complete            | Customer Commitment | O365             | M      |
| 34 | Implement a revised approach to identify deceased employees and spouses that provides survivors with their own identity                         | Eliminate a security risk associated with shared account access, and ambiguous identity registry data. Also provide an improved user experience for survivors.  | Complete            | Stability           | HUIT - IAM       | L      |
| 35 | Two Step not permitted for admitted but not accepted students   | Ensure students who are admitted but have not yet accepted offers are not permitted to use Two Step   | Complete            | Security            | Security         |        |