

Executive Summary

Request 19 – Data Architecture Phase I (Raw Layer)

Updated 2/14/2017

Set data standards for all its data systems as a vision or a model of the eventual interactions between those data systems. Data integration, for example, should be dependent upon data architecture standards since data integration requires data interactions between two or more data systems.

A data architecture, in part, describes the data structures used by a business and its computer applications software. Data architectures address data in storage and data in motion; descriptions of data stores, data groups and data items; and mappings of those data artifacts to data qualities, applications, locations.

Request 19 will fulfill this need by providing a raw layer data structure as designed by those data architecture standards.

User Stories

- Broad need for accurate and ‘easily’ accessible data university wide.
- Norman HR and the Office of Business Analytics will embark on a Data Analysis project for Norman Campus.
- IT is reengineering the ODS loads to use Informatica to provide capabilities that are currently unavailable with the ODS offering.
- Mandatory and preferred data can be easily identified for migration.
- Data from legacy and current systems can be tied together as a single source for consumption.
- Data between current systems can be married together as a single source for consumption.

Sample Application

Phase I – A fully populated raw layer of tables, representing current production data across multiple source systems.

Delivery and Timeline

- **Delivery Method:** Phase I – A fully populated raw layer of tables, representing current production data across multiple source systems.
- **Timeline:** June 2017.
- **Project Execution:** This project will be executed by OU IT’s Project Management Office.
 - **Project Acceptance:** This project will be complete when a raw layer table structure is created and populated with the tables represented in the data spec document.

Case Representative (for use case, user story, or delivery/timeline questions)

Jeff Wall - jswall@ou.edu - (405) 325-0803

Data Validation Checklist

Request 19 – Data Architecture Phase I (Raw Layer)

Updated 2/24/2017

Category 1: HR

- Method: Email/Meetings
 - Time stamp: 1/25/17
 - Attendees/participants: Jeff Wall, Matt Wesley, Jennifer Pittman, JP Morgan, Terri Pinkston
 - Data Spec presented: v1.0
 - Session Notes: Provide current list of tables to Terri for confirmation.
 - Validation Decision: Pending
 - Data Classification: HR
 - Category Specific Items:
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Category 2: Course Management

- Method: Email/Meetings
 - Time stamp: 10/2016
 - Attendees/participants: Jeff Wall, Kevin Buck, Eric Blazek, Mark Morvant
 - Data Spec presented: v1.0
 - Session Notes: Data is already being ported into ODS for reporting usage and would be beneficial to include in the Raw Layer
 - Validation Decision: Approved
 - Data Classification: Course Management
 - Category Specific Items:
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Category 3: Academic Records / Enrollment and Scheduling

- Method: Email
 - Time stamp: 2/10/2017 (general concept approval),
 - Attendees/participants: Breck Turkington (data owner during request approval process), Marcus Glenn (data steward during request approval process)
 - Data Spec presented: v1.0
 - Session Notes:
 - 2/10/2017: Breck approved the general concept for the use case defined in the executive summary.
 - 2/24/2017: Marcus validated the tables for use in the Raw Layer
 - Validation Decision: Approved
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Category 4: Admissions and Recruitment

- Method: Email
- Time stamp: 2/13/2017 (general concept approval),
- Attendees/participants: Dan Hamrin (data owner during request approval process), Mark Arens, Chris Wallace (data stewards during request approval process)
- Data Spec presented: v1.0

- Session Notes:
 - 2/13/2017: Dan approved the general concept for the use case defined in the executive summary.
 - 2/24/2017: Mark suggested including GOBINTL, SARAATT, SARACMT, SARAPPD, GTVZIPC, validated the other tables would be beneficial
 - Validation Decision: Approved for the use case by Mark Arens and Chris Wallace, with the addition of the above-mentioned tables
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Category 5: Bursar

- Method: Email
 - Time stamp: 2/9/2017 (general concept approval),
 - Attendees/participants: Kathleen Schmidt (data owner during request approval process), Brad Cook, Jennifer Cook (data stewards during request approval process)
 - Data Spec presented: v1.0
 - Session Notes:
 - 2/9/2017: Kathleen approved the general concept for the use case defined in the executive summary.
 - 2/22/2017: Bradley emailed back, made comment (included in notes in the file), that SZRPAMT hasn't been used since 2012, so may not be necessary for the raw layer.
 - Validation Decision: Approved for use case by Bradley Cook and Jennifer Cook
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Category 6: Institutional Research and Reporting

- Method: Email
 - Time stamp: 2/17/2017
 - Attendees/participants: Susannah Livingood (data owner and steward during request approval process)
 - Data Spec presented: v1.0
 - Session Notes:
 - 2/17/2017: Approved concept (specifically for IRR data coming from Banner) and validated included tables. Noted in caveats, that Susannah would like IRR to be involved in the HR validation process (at least to receive the information), so they can help to make sure that all of the necessary information is there.
 - Validation Decision: Approved for use case (specifically for data coming from Banner).
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Category 7: Financial Aid

- Method: Email
- Time stamp: 2/10/2017 (general concept approval)
- Attendees/participants: Kathi Robinett (Data owner/steward during request approval process)
- Data Spec presented: v1.0
- Session Notes:
 - 2/10/2017: Kathi approved the general concept, with the caveat that she would be involved going forward as access is needed to the data (since there may be restricted information included).
 - 2/24/2017: Kathi approved the additional Financial Aid tables.
- Validation Decision: Approved for use case by Kathi

Category 8: General

- Method: In Person
- Time stamp: 2/24/2017
- Attendees/participants: Chris Kennedy (data owner and steward during request approval process)
- Data Spec presented: v1.0
- Session Notes:
 - 2/24/2017: Chris approved concept, validated included tables, and added some additional tables which will likely be beneficial to the project.
- Validation Decision: Approved for use case by Chris

Process Notes

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Validation Planning

- Chris Kennedy emailed ESFS area Data Owners on 2/6/2017 to get their approval of using their data for the delivered use case.
 - Discussed via email, that this data would not be used out of the raw layer without approval by the data owners – wanted that included in the caveats section.
 - Data Owners approved use of their data for the delivered use case by 2/13/2017
 - Chris Kennedy emailed the Data Spec and Use Case to the Data Stewards on 2/14/2017
 - Data owners approved the data included in the Data Spec for the delivered use case by 2/24/2017
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Caveats and Data Quality

- Caveats
 - Susannah stated via email that IRR needs to be involved in the validation of HR data which is being used for the process (2/13/2017)
 - Data Owners need to be involved when the data is going to be used out of the Raw Layer to make sure those use cases make sense for the data access.

Data Specification

Request 19 - Data Architecture Phase I Raw Layer

v 1.0 - Updated 2/24/2017

| Category | Table/Package Name | Source (SOR) | Schema | Read/Write/Execute | Description | Notes | Validated By |
|------------------|---------------------------|--------------|-------------|--------------------|--|-------|--------------------------------------|
| Academic Records | SGBSTDN_CUR_FUT_ACTIVE_MV | Banner | OUREGISTRAR | Read | Materialized View for Current/Future Active Students | | Marcus Glenn 2/24/2017 - Email |
| Academic Records | SPRHOLD_AUDIT | Banner | OUREGISTRAR | Read | Student Hold Audit Table | | |
| Academic Records | SFBETRM | Banner | SATURN | Read | Student Registration Table | | |
| Academic Records | SFBWCTL | Banner | SATURN | Read | Student Registration Group Table | | |
| Academic Records | SFRSTCA | Banner | SATURN | Read | Student Course Registration Archive Table | | |
| Academic Records | SFRSTCR | Banner | SATURN | Read | Student Course Registration Table | | |
| Academic Records | SGBSTDN | Banner | SATURN | Read | Student Base Table | | |
| Academic Records | SGRCHRT | Banner | SATURN | Read | Student Cohort Table | | |
| Academic Records | SGRSATT | Banner | SATURN | Read | Student Attribute Table | | |
| Academic Records | SGRVETN | Banner | SATURN | Read | Veteran Table | | |
| Academic Records | SHBDIPL | Banner | SATURN | Read | Diploma Information Table | | |
| Academic Records | SHBTATC | Banner | SATURN | Read | Transfer Institution Transfer Catalog Data | | |
| Academic Records | SHRDGMR | Banner | SATURN | Read | Degree Table | | |
| Academic Records | SHRGDE | Banner | SATURN | Read | Grading Code Maintenance Table | | |
| Academic Records | SHRICMT | Banner | SATURN | Read | Transfer Articulation Institution Course Comment | | |
| Academic Records | SHRLGPA | Banner | SATURN | Read | Level GPA Table | | |
| Academic Records | SHRTATT | Banner | SATURN | Read | History Transfer Course Section Attribute Table | | |
| Academic Records | SHRTCAT | Banner | SATURN | Read | Transfer Course Attributes Table | | |
| Academic Records | SHRTCKN | Banner | SATURN | Read | Institutional Course Term Maintenance Table | | |
| Academic Records | SHRTGPA | Banner | SATURN | Read | Term GPA Table | | |
| Academic Records | SHRTRAM | Banner | SATURN | Read | Attendance Period by Transfer Institution Table | | |
| Academic Records | SHRTRAT | Banner | SATURN | Read | Transfer Articulation Course Attribute Table | | |
| Academic Records | SHRTRCR | Banner | SATURN | Read | Transfer Course Detail Table | | |
| Academic Records | SHRTRRM | Banner | SATURN | Read | Institutional Course Maintenance Term Header Table | | |
| Academic Records | SIBINST | Banner | SATURN | Read | Faculty Member Base Table | | |
| Academic Records | SIRASGN | Banner | SATURN | Read | Faculty Member Instructional Assignment Table | | |
| Academic Records | SMRPRLE | Banner | SATURN | Read | Program Rules Table | | |
| Academic Records | SORBTAG | Banner | SATURN | Read | Transfer Articulation General Data | | |
| Academic Records | SORHSBJ | Banner | SATURN | Read | Person Related HS Subject Table | | |
| Academic Records | SORLFOS | Banner | SATURN | Read | Learner Curriculum Field of Study Table | | |
| Academic Records | SORPCOL | Banner | SATURN | Read | Prior College Table | | |
| Academic Records | SPRHOLD | Banner | SATURN | Read | Person Related Holds Table | | |
| Academic Records | SSRATTR | Banner | SATURN | Read | Degree Program Attribute Table | | |
| Academic Records | STVACAT | Banner | SATURN | Read | Award Category Validation Table | | |
| Academic Records | STVACYR | Banner | SATURN | Read | Academic Year Validation Table | | |
| Academic Records | STVASTD | Banner | SATURN | Read | Academic Standing Validation Table | | |
| Academic Records | STVATTR | Banner | SATURN | Read | Degree Program Attribute Validation Table | | |
| Academic Records | STVATTS | Banner | SATURN | Read | Student Attribute Validation Table | | |
| Academic Records | STVCAMP | Banner | SATURN | Read | Campus Validation Table | | |

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|----------------------------|--------------------|--------------|--------|--------------------|---|-------|--------------|---|
| Academic Records | STVCHRT | Banner | SATURN | Read | Cohort Validation Table | | | |
| Academic Records | STVCIPC | Banner | SATURN | Read | CIP Code Validation Table | | | |
| Academic Records | STVCLAS | Banner | SATURN | Read | Class Code Validation Table | | | |
| Academic Records | STVCOLL | Banner | SATURN | Read | College Validation Table | | | |
| Academic Records | STVDEGC | Banner | SATURN | Read | Degree Code Validation Table | | | |
| Academic Records | STVDEGS | Banner | SATURN | Read | Degree Status Code Validation Table | | | |
| Academic Records | STVDEPT | Banner | SATURN | Read | Department Validation Table | | | |
| Academic Records | STVDLEV | Banner | SATURN | Read | Faculty Member Degree Level Validation Table | | | |
| Academic Records | STVESTS | Banner | SATURN | Read | Student Registration Status Validation Table | | | |
| Academic Records | STVGCHG | Banner | SATURN | Read | Grade Change Reason Validation Table | | | |
| Academic Records | STVHLDD | Banner | SATURN | Read | Person Hold Validation Type Table | | | |
| Academic Records | STVHONR | Banner | SATURN | Read | Academic History Institutional Honors Validation Table | | | |
| Academic Records | STVLEVL | Banner | SATURN | Read | Student Level Validation Table | | | |
| Academic Records | STVMAJR | Banner | SATURN | Read | Major, Minor Concentration Validation Table | | | |
| Academic Records | STVVETC | Banner | SATURN | Read | Veteran Type Code Validation Table | | | |
| Admissions and Recruitment | GOBINTL | Banner | SATURN | Read | Visa International Information Table | | | Mark Arens Chris Wallace 2/24/2017 - Email |
| Admissions and Recruitment | SABSUPL | Banner | SATURN | Read | Admission Application Supplemental Info Table | | | |
| Admissions and Recruitment | SARAATT | Banner | SATURN | Read | Admissions Attribute Table | | | |
| Admissions and Recruitment | SARACMT | Banner | SATURN | Read | Application Comments Table | | | |
| Admissions and Recruitment | SARADAP | Banner | SATURN | Read | Admissions Application Table | | | |
| Admissions and Recruitment | SARAPPD | Banner | SATURN | Read | Student Application Decision Table | | | |
| Admissions and Recruitment | SARCHKL | Banner | SATURN | Read | Admissions Checklist Table | | | |
| Admissions and Recruitment | SARCHRT | Banner | SATURN | Read | Admissions Cohort Table | | | |
| Admissions and Recruitment | SARHEAD | Banner | SATURN | Read | Electronic Admissions Application Header Table | | | |
| Admissions and Recruitment | SARQUAN | Banner | SATURN | Read | Application Questions and Answers Table | | | |
| Admissions and Recruitment | SARRRAT | Banner | SATURN | Read | Student Application Rating Table | | | |
| Admissions and Recruitment | SARRSRC | Banner | SATURN | Read | Application Source Table | | | |
| Admissions and Recruitment | SORAINF | Banner | SATURN | Read | Admissions Administrator Assignment | | | |
| Admissions and Recruitment | SORBCHR | Banner | SATURN | Read | Source/Background Institution Characteristics Table | | | |
| Admissions and Recruitment | SORBcnt | Banner | SATURN | Read | Source/Background Institution Contact Person Table | | | |
| Admissions and Recruitment | SORBDMO | Banner | SATURN | Read | Source/Background Institution Demographics Table | | | |
| Admissions and Recruitment | SORBETH | Banner | SATURN | Read | Source/Background Institution Ethnic Make-up Table | | | |
| Admissions and Recruitment | SORFOLK | Banner | SATURN | Read | Parent Information Table | | | |
| Admissions and Recruitment | SORGPAT | Banner | SATURN | Read | Person GPA Types Table | | | |
| Admissions and Recruitment | SORHSCH | Banner | SATURN | Read | Person Related High School Table | | | |
| Admissions and Recruitment | SORLCUR | Banner | SATURN | Read | Learner Curriculum Table | | | |
| Admissions and Recruitment | SORTEST | Banner | SATURN | Read | Student Test Score Table | | | |
| Admissions and Recruitment | STVADMR | Banner | SATURN | Read | Admission Request Code Validation Table | | | |
| Admissions and Recruitment | STVBCHR | Banner | SATURN | Read | Background Institution Characteristics Validation Table | | | |

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|----------------------------|-----------------------|-------------------|---------------------|--------------------|---|--|--------------|
| Admissions and Recruitment | STVCKSR | Banner | SATURN | Read | Application Checklist Source Validation Table | | |
| Admissions and Recruitment | STVCKST | Banner | SATURN | Read | Checklist Status Validation Table | | |
| Admissions and Recruitment | STVGPAT | Banner | SATURN | Read | GPA Type Validation Table | | |
| Admissions and Recruitment | STVLGCY | Banner | SATURN | Read | Legacy Code Validation Table | | |
| Admissions and Recruitment | STVRADM | Banner | SATURN | Read | Administrator Code Validation Table | | |
| Admissions and Recruitment | STVRATP | Banner | SATURN | Read | Admission Rating Type Code Validation Table | | |
| Admissions and Recruitment | STVRESD | Banner | SATURN | Read | Residency Validation Table | | |
| Admissions and Recruitment | STVSBGI | Banner | SATURN | Read | Source/Background Institution Validation Table | | |
| Admissions and Recruitment | STVSUBJ | Banner | SATURN | Read | Subject Validation Table | | |
| Admissions and Recruitment | STVTESC | Banner | SATURN | Read | Test Score Validation Table | | |
| Admissions and Recruitment | STVVVYP | Banner | SATURN | Read | Visa Type Code Validation Table | | |
| Bursar | ONE_CARD_FACILITY_FEE | Banner | OUCUSTOM | Read | Current One Card Facility Access Table | | |
| Bursar | SZRPFAMT | Banner | OUCUSTOM | Read | | This was logging application payments made through SSB, but hasn't been used since 2012. | |
| Bursar | AR_MIN_PMT | Banner | OUSTACCOUNT | Read | Minimum Payment History Table | | |
| Bursar | TBBACCT_AUDIT | Banner | OUSTACCOUNT | Read | Account Review Audit Table | | |
| Bursar | TBBCSTU | Banner | TAISMGR | Read | Contract Student Authorization Table | | |
| Bursar | TBBDETC | Banner | TAISMGR | Read | Deposit Code Crosswalk Table | | |
| Bursar | TBBESTU | Banner | TAISMGR | Read | Exemption Student Authorization Table | | |
| Bursar | TBBSBRL | Banner | TAISMGR | Read | Schedule/Bill Rules Table | | |
| Bursar | TBRACCD | Banner | TAISMGR | Read | Account Charge/Payment Detail Table | | |
| Bursar | TBRAPPL | Banner | TAISMGR | Read | Detail Application of Payment Table | | |
| Bursar | TBRCMNT | Banner | TAISMGR | Read | Comment Table | | |
| Bursar | TBRDEPO | Banner | TAISMGR | Read | Deposit Table | | |
| Bursar | TBRMEMO | Banner | TAISMGR | Read | Charge/Payment Detail Memo Table | | |
| Bursar | TBRMISD | Banner | TAISMGR | Read | Miscellaneous Transaction Charge/Payment Detail Table | | |
| Bursar | TBRSBMS | Banner | TAISMGR | Read | Schedule/Bill Message Table | | |
| Bursar | TTBTAXN | Banner | TAISMGR | Read | Tax Notification Table | | |
| Bursar | TTVDCAT | Banner | TAISMGR | Read | Detail Charge/Payment Category Code Validation Table | | |
| Bursar | TTVDELI | Banner | TAISMGR | Read | Delinquency Code Validation Table | | |
| Bursar | TTVDVYP | Banner | TAISMGR | Read | Deposit Type Validation Table | | |
| Bursar | TTVSRCE | Banner | TAISMGR | Read | Billing Detail Source Validation Table | | |
| Bursar | TVRAUTH | Banner | TAISMGR | Read | Title IV Authorization Maintenance Table | | |
| Course Management | CHATS | D2L | D2L | Read | | | |
| Course Management | CHAT_SESSIONS | D2L | D2L | Read | | | |
| Course Management | CHAT_SESSION_MESSAGES | D2L | D2L | Read | | | |
| Course Management | CONTENT_OBJECTS | D2L | D2L | Read | | | |
| Course Management | CONTENT_OBJECTS_ALL | D2L | D2L | Read | | | |

Brad Cook
Jennifer Cook
2/22/2017 -
Email

Data Specification

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|---------------------------|-------------------------------|--------------|--------|--------------------|---|-------|--------------|
| Course Management | CONTENT_USER_PROGRESS | D2L | D2L | Read | | | |
| Course Management | COURSE_OFFERINGS | D2L | D2L | Read | | | |
| Course Management | DISCUSSION_FORUMS | D2L | D2L | Read | | | |
| Course Management | DISCUSSION_POSTS | D2L | D2L | Read | | | |
| Course Management | DISCUSSION_POST_USERS | D2L | D2L | Read | | | |
| Course Management | DISCUSSION_TOPICS | D2L | D2L | Read | | | |
| Course Management | DROPBOX | D2L | D2L | Read | | | |
| Course Management | DROPBOX_ENTITY_SUBMISSIONS | D2L | D2L | Read | | | |
| Course Management | FTFT_COHORT_2014 | D2L | D2L | Read | | | |
| Course Management | GRADE_OBJECTS | D2L | D2L | Read | | | |
| Course Management | GRADE_OBJECT_DISPLAY | D2L | D2L | Read | | | |
| Course Management | GRADE_OBJECT_GRADES | D2L | D2L | Read | | | |
| Course Management | GRADE_OBJECT_GRADES_LOG | D2L | D2L | Read | | | |
| Course Management | GRADE_OBJECT_TYPES | D2L | D2L | Read | | | |
| Course Management | HOMEPAGE_CUSTOM_WIDGETS | D2L | D2L | Read | | | |
| Course Management | LOG_ENROLL | D2L | D2L | Read | | | |
| Course Management | NEWS | D2L | D2L | Read | | | |
| Course Management | ORG_STRUCTURE | D2L | D2L | Read | | | |
| Course Management | ORG_UNITPARENTS | D2L | D2L | Read | | | |
| Course Management | ORG_USERS_DAYS_ACCESSED | D2L | D2L | Read | | | |
| Course Management | QA | D2L | D2L | Read | | | |
| Course Management | RUBRICS | D2L | D2L | Read | | | |
| Course Management | USERS | D2L | D2L | Read | | | |
| Course Management | USER_LOGINSTATUSTYPES | D2L | D2L | Read | | | |
| Course Management | USER_LOGIN_ATTEMPTS | D2L | D2L | Read | | | |
| Course Management | USER_ORGANIZATION_MEMBERSHIPS | D2L | D2L | Read | | | |
| Enrollment and Scheduling | SCBCRSE | Banner | SATURN | Read | Course General Information Table | | |
| Enrollment and Scheduling | SCBDESC | Banner | SATURN | Read | Course Catalog Description Narrative Text Table | | |
| Enrollment and Scheduling | SFBPLAN | Banner | SATURN | Read | Registration Plan Base Table | | |
| Enrollment and Scheduling | SFRPLAN | Banner | SATURN | Read | Registration Plan Course Table | | |
| Enrollment and Scheduling | SFRAREG | Banner | SATURN | Read | Additional Registration Information Table | | |
| Enrollment and Scheduling | SFRRGFE | Banner | SATURN | Read | Registration Fees Table | | |
| Enrollment and Scheduling | SSBXLST | Banner | SATURN | Read | Cross List Enrollment Information Table | | |
| Enrollment and Scheduling | SSRFEEES | Banner | SATURN | Read | Section Fees Table | | |
| Enrollment and Scheduling | SSRMEET | Banner | SATURN | Read | Section Meeting Times Table | | |
| Enrollment and Scheduling | SSRRATT | Banner | SATURN | Read | Student Section Attribute Restriction Table | | |
| Enrollment and Scheduling | SSRRCHR | Banner | SATURN | Read | Student Cohort Restriction Table | | |
| Enrollment and Scheduling | SSRRCLS | Banner | SATURN | Read | Section Class Restriction Table | | |
| Enrollment and Scheduling | SSRRCMP | Banner | SATURN | Read | Section Campus Restriction Table | | |

Marcus Glenn
2/24/2017 -
Email

Data Specification

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|---------------------------|--------------------|--------------|---------|--------------------|---|-------|--------------|--|
| Enrollment and Scheduling | SSRRCOL | Banner | SATURN | Read | Section College Restriction Table | | | |
| Enrollment and Scheduling | SSRRDEG | Banner | SATURN | Read | Section Degree Restriction Table | | | |
| Enrollment and Scheduling | SSRRDEP | Banner | SATURN | Read | Section Department Restriction Table | | | |
| Enrollment and Scheduling | SSRRLVL | Banner | SATURN | Read | Section Level Restriction Table | | | |
| Enrollment and Scheduling | SSRRPRG | Banner | SATURN | Read | Section Program Restriction Table | | | |
| Enrollment and Scheduling | SSRXLST | Banner | SATURN | Read | Cross List Section Table | | | |
| Enrollment and Scheduling | STVBLDG | Banner | SATURN | Read | Building Code Validation Table | | | |
| Enrollment and Scheduling | STVRSTS | Banner | SATURN | Read | Course Registration Validation Satus Table | | | |
| Enrollment and Scheduling | STVSITE | Banner | SATURN | Read | Site Validation Table | | | |
| Enrollment and Scheduling | STVTERM | Banner | SATURN | Read | Term Code Validation Table | | | |
| Financial Aid | RBBABUD | Banner | FAISMGR | Read | Applicant Budget Table | | | Kathi Robinett 2/24/2017 - Email |
| Financial Aid | RCRAPP1 | Banner | FAISMGR | Read | Financial Aid Application Table - Part 1 | | | |
| Financial Aid | RCRAPP2 | Banner | FAISMGR | Read | Financial Aid Application Table - Part 2 | | | |
| Financial Aid | RCRAPP3 | Banner | FAISMGR | Read | Financial Aid Application Table - Part 3 | | | |
| Financial Aid | RCRAPP4 | Banner | FAISMGR | Read | Financial Aid Application Table - Part 4 | | | |
| Financial Aid | RFRBASE | Banner | FAISMGR | Read | Fund Base Data Table | | | |
| Financial Aid | RFRFFID | Banner | FAISMGR | Read | Federal Fund ID Table | | | |
| Financial Aid | RORSAPR | Banner | FAISMGR | Read | Satisfactory Academic Progress Rules Table | | | |
| Financial Aid | RORSTAT | Banner | FAISMGR | Read | Applicant Status Table | | | |
| Financial Aid | RPRATRM | Banner | FAISMGR | Read | Applicant Award Schedule Table | | | |
| Financial Aid | RPRAWRD | Banner | FAISMGR | Read | Applicant Award Table | | | |
| Financial Aid | RPRADSB | Banner | FAISMGR | Read | Applicant Award Disbursement Table | | | |
| Financial Aid | RPRLADB | Banner | FAISMGR | Read | Loan Disbursement Schedule Table | | | |
| Financial Aid | RRRAREQ | Banner | FAISMGR | Read | Applicant Requirements Table | | | |
| Financial Aid | RTVFSRC | Banner | FAISMGR | Read | Fund Source Validation Table | | | |
| Financial Aid | RTVFTYP | Banner | FAISMGR | Read | Fund Type Validation Table | | | |
| Financial Aid | RTVSAPR | Banner | FAISMGR | Read | Satisfactory Academic Progress Validation Table | | | |
| General | GOBTPAC | Banner | GENERAL | Read | Third Party Access Table | | | |
| General | GORADID | Banner | GENERAL | Read | Additional ID Table | | | |
| General | GOREMAL | Banner | GENERAL | Read | Email Table | | | |
| General | GORIROL | Banner | GENERAL | Read | Institution Role Table | | | |
| General | GORPRAC | Banner | GENERAL | Read | Person Race Table | | | |
| General | GORRACE | Banner | GENERAL | Read | Race Code Rules | | | |
| General | GORVISA | Banner | GENERAL | Read | Visa Information Table | | | |
| General | GTVADID | Banner | GENERAL | Read | Additional ID Type Validation Table | | | |
| General | GTVEMAL | Banner | GENERAL | Read | Email Type Validation Table | | | |
| General | GTVLETR | Banner | GENERAL | Read | Letter Type Validation Table | | | |
| General | GTVZIPC | Banner | GENERAL | Read | Zip Code Validation Table | | | |
| General | GURMAIL | Banner | GENERAL | Read | Mail Table | | | |

Data Specification

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| Category | Table/Package Name | Source (SOR) | Schema | Read/Write/Execute | Description | Notes | Validated By |
|----------|--------------------|--------------|--------|--------------------|----------------------------------|---|--|
| General | SPAPERS | Banner | SATURN | Read | Basic Person Table | SSN is not necessary to include in the Raw Layer, or security would need to be enforced for that specific field | Chris Kennedy Approved - 2/24/2017 |
| General | SPRADDR | Banner | SATURN | Read | Address Table | | |
| General | SPRAPIN | Banner | SATURN | Read | Student Alternate PIN Table | | |
| General | SPREMRG | Banner | SATURN | Read | Emergency Contact Table | | |
| General | SPRIDEN | Banner | SATURN | Read | Person Identification/Name Table | | |
| General | SPRTELE | Banner | SATURN | Read | Telephone Table | | |
| General | STVATYP | Banner | SATURN | Read | Address Type Validation Table | | |
| General | STVCNTY | Banner | SATURN | Read | County Code Validation Table | | |
| General | STVETHN | Banner | SATURN | Read | Ethnic Code Validation Table | | |
| General | STVNATN | Banner | SATURN | Read | Nation Validation Table | | |
| General | STVRELT | Banner | SATURN | Read | Relationship Validation Table | | |
| General | STVTELE | Banner | SATURN | Read | Telephone Type Validation Table | | |
| HR - HSC | PS_LEAVE_ACCRUAL | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_LIFE_ADD_BEN | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_JOB | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_HEALTH_BENEFIT | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_BEN_PROG_PARTIC | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_SAVINGS_PLAN | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_ADDRESSES | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_LIFE_ADD_BENEFC | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_HEALTH_DEPENDNT | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_PER_ORG_ASGN | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_DEP_BENEF_NID | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_DEPENDENT_BENEF | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_PERS_NID | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_PERSON | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_PERSON_NAME | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_PERSONAL_DT_FST | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_EMAIL_ADDRESSES | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_RTRMNT_PLAN | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_BEN_DEFN_OPTN | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_BEN_DEFN_COST | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_JOBCODE_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_EMPLOYEES | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_BEN_DEFN_PLAN | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_DEPT_TBL | PeopleSoft | SYSADM | Read | | | |

Data Specification

Request 19 - Data Architecture Phase I Raw Layer

v 1.0 - Updated 2/24/2017

| Category | Table/Package Name | Source (SOR) | Schema | Read/Write/Execute | Description | Notes | Validated By |
|-------------|--------------------|--------------|--------|--------------------|-------------|-------|--------------|
| HR - HSC | PS_BN_RATE_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_BEN_DEFN_PGM | PeopleSoft | SYSADM | Read | | | |
| HR - HSC | PS_DEP_RULE_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ACCOMPLISHMENTS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ACTN_REASON_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ADDRESS_TYP_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ADDRESSES | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_BEN_DEFN_PGM | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_CITIZEN_PSSPRT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_CITIZENSHIP | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_CONTRACT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPT_BUDGET | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPT_BUDGET_ERN | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPT_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DIVERS_ETHNIC | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EEO_JOB_GRP_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_ADMIN_POSTS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_OTH_DPT_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_RANK_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_TENURE_DATA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EMAIL_ADDRESSES | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EMPLOYEES | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EMPLOYMENT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOB | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOB_EARNS_DIST | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOBCODE_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOBFUNCTION_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JPM_CAT_ITEMS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JPM_JP_ITEMS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JPM_PROFILE | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_LEAVE_ACCRUAL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_LOCATION_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_NAMES | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_BUDGET_ACCT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_ETHNICITY_VW | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_JOB_EXTRA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_JOBCODE_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_PERSONAL_DAT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_TIM_TS_VW | PeopleSoft | SYSADM | Read | | | |

Data Specification

Request 19 - Data Architecture Phase I Raw Layer

v 1.0 - Updated 2/24/2017

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|-------------------------|--------------------|--------------|--------|--------------------|--|-------|--------------------|
| HR - Norman | PS_OU_TIME_CODE_VW | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_ZIPPLUS4_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAY_CALENDAR | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAY_CHECK | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAY_ERN_DIST | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAYGROUP_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PER_ORG_INST | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PERS_DATA_EFFDT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PERS_DATA_USA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PERS_NID | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PERSON | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PERSONAL_PHONE | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_POSITION_DATA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_SAVINGS_PLAN | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_SCHOOL_EDUCAT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_TRAINING | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_VISA_PMT_DATA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PSOPRDEFN | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PSROLEUSER | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PSXLATITEM | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_HEALTH_BENEFIT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_HEALTH_DEPENDNT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEP_BENEF_NID | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPENDENT_BENEF | PeopleSoft | SYSADM | Read | | | |
| Institutional Reporting | SGBUSER | Banner | SATURN | Read | Student Institutional Reporting Requirements Table | | Susannah Livingood |
| Institutional Reporting | STVSUDA | Banner | SATURN | Read | Institution Defined Reporting Element Validation Table | | 2/17/2017 - Email |

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RE: Data Services Security Policy

**Baillio, Aaron**

Today, 11:50 AM

Wesley, Matt; Wall, Jeffrey S.; Pittman, Jennifer L.

[Reply all](#) |

Sorry for the delay! Looks good!

Aaron

From: Wesley, Matt**Sent:** Wednesday, June 21, 2017 10:39 AM**To:** Baillio, Aaron <abaillio@ou.edu>**Cc:** Wall, Jeffrey S. <jswall@ou.edu>; Pittman, Jennifer L. <jennifer@ou.edu>**Subject:** Data Services Security Policy

Aaron, I've attached the latest update to the DS Security policy. I didn't remove anything from the previous version, but added in verbiage about Data Services maintaining an access policy and memo of users and access levels, and pledges for logging and audits on Boomi/Informatica and the Repository/Marts. I believe this covers what we went over in our meeting, but if not or if there are any new needs, just let me know.

If this document is acceptable, please send Jeff and me an email with the document attached saying that you are good with it, and I'll forward it on to DGCC. Thanks for your help with making sure we keep everyone's data safe!

Matt Wesley
Data Architect, Data Services
University of Oklahoma Information Technology

Office: 405.325.9060

Cell: 405.213.9843

OU IT Data Services – Data Repository and Warehouse Security Policy

Architecture Overview

OU IT's Data Services group will operate and maintain a Data Repository and Data Warehouse (a collection of reference tables and Data Marts) that will combine information from many source systems and make it available and accessible to approved users. Data tables are replicated from the Source Systems to the Repository, then specific data is transformed/homogenized/aggregated and moved to the Warehouse, where it is made available in applicable Data Marts. From the Data Marts, the data may be used in reporting, analytics, or integrations.

Security Overview

Informatica and Boomi

- These are our selected applications for the movement and translation of data from source to target.
- Access to these applications is restricted to select members of the Data Services team and to vetted consultants (includes FERPA/HIPAA training and NDAs).
- The applications use service accounts for database access, but users are required to log in with individual logins/passwords so that development can be reviewed.
- Access to Informatica is only available through VDI/Terminal Services, and users will need to log onto one of those services to use the application.
- Boomi is accessed through a secure website with email-based individual user logins. Multi-factor authentication via a verification code sent to a cellular phone is required, and only a subset of the Data Services team will have logins.
- Boomi/Informatica logs will be regularly reviewed and retained.
 - o Unexpected user logins will be flagged and reviewed
 - o Activity logs will be retained for audit purposes

Source Systems

- Sources will maintain their current security.
- Informatica and Boomi applications will have select access to specific tables for the purpose of replicating those tables in the Data Repository.
- For those use cases requesting that data be written back to source systems, given approval by DGCC and the relevant data owners, Data Services will leverage appropriate source system APIs, ensuring that existing rules and business logic are applied.

Repository:

- The Repository exists in the Business Zone of S2, with encrypted tablespace and IP whitelisting required.
- The Repository will have active audit logging for all select access.
- The Informatica and Boomi service accounts will be the only accounts with insert/modify/delete access to the Repository.

- User accounts will be limited to Data Services, vetted consultants, and Data Scientists. Access is granted on a source-by-source basis (e.g. a user may be able to access Banner data but not Peoplesoft HR).
 - o For a user to receive access to the Repository, the Data Governance Coordinating Committee (DGCC) must provide approval.
 - o For source data to be represented in the Repository, the source data owner, Data Governance Coordinating Committee (DGCC), and Project Governance Board (PGB) must provide approval.
 - o Data Services will maintain an access policy, including a memo of users and their access level/role.
- User accounts will be select access only, no insert/modify/delete.
- Users will be assigned to Roles, and all access will be role-based.
- From the Source System to the Repository, data will not be transformed or translated. Staging metadata (insert date, etc.) will be added to allow replication monitoring.

Warehouse:

- The Warehouse exists in the Business Zone of S2, with encrypted tablespace and IP whitelisting required.
- The Warehouse will have active audit logging for all select access.
- The Informatica service account will be the only account with insert/modify/delete access to the Warehouse. Boomi will not be used for the Warehouse.
- From the Repository to the Warehouse, data will often be transformed. All transformations will be performed by rules written into Informatica workflows based on Data Owner and SME recommendations. Transformations include:
 - o Format changes (e.g. 5 September 2014 may be changed to 09/05/2014)
 - o Code Translations (e.g. a categorization of CESL may be translated to Center for English as a Second Language).
 - o Homogenizations (e.g. a course name from D2L and Canvas may be translated so that the appropriate course information is displayed from both the old and new source).
 - o Aggregations (e.g. transactions for a given time period may be added up and presented as the total for that period, rather than as each individual transaction amount).
 - o All transformation rules will be made available as metadata for those who have access to the Warehouse.
- User accounts will be limited to Data Services, vetted consultants, Data Scientists, and approved users (report writers, integration users). Access is granted on a mart-by-mart basis, and marts can be built specifically to satisfy certain use cases.
 - o For a user to receive access to a Data Mart, the Data Governance Coordinating Committee (DGCC) must provide approval.
 - o For a Data Mart to be created or modified, DGCC must provide approval.
 - o Data Services will maintain an access policy, including a memo of users and their access level/role.
- User accounts will be select access only, no insert/modify/delete.
- Users will be assigned to Roles, and all access will be role-based.

From: [Morgan, James P.](#)
To: [Data Governance Committee](#); [Marley, Tim](#)
Cc: [Data Request Review Group](#)
Subject: FOR DGCC INFORMATIONAL REVIEW: REQ 35 - Data Mart for Financial Aid and REQ 19 Data Repository Informational Update
Date: Friday, August 11, 2017 10:57:42 AM
Attachments: [FA Data Mart Mini Package.docx](#)
[Fw- FA Data Mart Update Data Owner Approval.pdf](#)
[Norman HR Addendum Request 19 - Data Architecture Phase I Raw Layer.xlsx](#)

Good Morning,

Matt Wesley (Data Services) has been working with Kathi Robinett (Financial Aid) on the creation of a data mart that consists only of Financial Aid data to be consumed only by members of her department. Based on the precedent of departments requesting access to their own data, this request is being submitted to governance as informational only.

Additionally, I'm including the HR tables that were approved via HR in the Data Repository as part of the original Data Architecture Phase I request. The thread below contains the approval granted by HR to include those tables which may not have been provided to DGCC previously.

From: Wesley, Matt
Sent: Thursday, August 3, 2017 3:55 PM
To: Morgan, James P.
Subject: FW: Request 19 - Data Architecture Phase I Raw Layer - Data Spec HR_Payroll.xlsx

Here's the approved list of tables for Norman HR.

Matt Wesley
Data Architect, Data Services
University of Oklahoma Information Technology
Office: 405.325.9060
Cell: 405.213.9843

From: Boydston, Michelle D.
Sent: Friday, May 12, 2017 4:49 PM
To: Wesley, Matt <mattwesley@ou.edu>
Cc: Pinkston, Terri B. <terri@ou.edu>
Subject: Request 19 - Data Architecture Phase I Raw Layer - Data Spec HR_Payroll.xlsx

Matt,

Attached is the list we discussed yesterday. The tables highlighted in red should not be pulled into the data repository. The tables highlighted in orange have protected data and we should use caution when releasing the data. I know we will control who sees the data but it made me feel better to identify them differently. ☺

I still need to reach out to the Provost Office, I'll let you know what I find out from them next week.

Michelle Boydston, CPP
Director, Payroll and Employee Services
(405)325-5578

<Request 19 - Data Architecture Phase I Raw Layer - Data Spec HR_Payroll.xlsx>

Data Specification

Request 19 - Data Architecture Phase I Raw Layer

v 1.0 - Updated 2/24/2017

| Category | Table/Package Name | Source (SOR) | Schema | Read/ Write/ Execute | Description | Notes | Validated By |
|-------------|--------------------|--------------|--------|----------------------------|--|--|--------------|
| HR - Norman | PS_ACCOMPLISHMENTS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ACTN_REASON_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ADDRESS_TYP_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_ADDRESSES | PeopleSoft | SYSADM | Read | Telephone, Home and Mailing address are protected by the Privacy Act | § 840-2.11. State Employee Information Not Open to Public Inspection or Disclosure The home addresses, home telephone numbers, social security numbers, and information related to personal electronic communication devices of current and former state employees shall not be open to public inspection or disclosure without written permission from the current or former state employees or without an order from a court of competent jurisdiction. § 840-2.12. Renumbered as 74 O.S. § 840-1.6A by Laws 1995, HB 2021, c. 310, § 24, emerg. eff. June 5, 1995 | |
| HR - Norman | PS_BEN_DEFN_PGM | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_CITIZEN_PSSPRT | PeopleSoft | SYSADM | Read | Citizenship and Country is confidential | Per Nima Zecavati - OU Attorney | |
| HR - Norman | PS_CITIZENSHIP | PeopleSoft | SYSADM | Read | Citizenship, Country and Passport Information is confidential | Per Nima Zecavati - OU Attorney | |
| HR - Norman | PS_CONTRACT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPT_BUDGET | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPT_BUDGET_ERN | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEPT_TBL | PeopleSoft | SYSADM | Read | | | |

Data Specification

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| Category | Table/Package Name | Source (SOR) | Schema | Read/Write/Execute | Description | Notes | Validated By |
|-------------|--------------------|--------------|--------|--------------------|---|--|--------------|
| HR - Norman | PS_DIVERS_ETHNIC | PeopleSoft | SYSADM | Read | Ethnicity is Protected Data | § 24A.7. Personnel records —Confidentiality—Inspection and copying A. A public body may keep personnel records confidential: 1. Which relate to internal personnel investigations including examination and selection material for employment, hiring, appointment, promotion, demotion, discipline, or resignation; or 2. Where disclosure would constitute a clearly unwarranted invasion of personal privacy such as employee evaluations, payroll deductions, employment applications submitted by persons not hired by the public body, and transcripts from institutions of higher education maintained in the personnel files of certified public school employees; provided, however, that nothing in this subsection shall be construed to exempt from disclosure the degree obtained and the curriculum on the transcripts of certified public school employees. | |
| HR - Norman | PS_EEO_JOB_GRP_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_ADMIN_POSTS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_OTH_DPT_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_RANK_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EG_TENURE_DATA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EMAIL_ADDRESSES | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_EMPLOYEES | PeopleSoft | SYSADM | Read | Telephone, Home and Mailing address as well as social security numbers are protected by the Privacy Act | § 840-2.11. State Employee Information Not Open to Public Inspection or Disclosure The home addresses, home telephone numbers, social security numbers, and information related to personal electronic communication devices of current and former state employees shall not be open to public inspection or disclosure without written permission from the current or former state employees or without an order from a court of competent jurisdiction. § 840-2.12. Renumbered as 74 O.S. § 840-1.6A by Laws 1995, HB 2021, c. 310, § 24, emerg. eff. June 5, 1995 | |

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|-------------|--------------------|--------------|--------|----------------------------|--------------------------------------|--|--------------|
| HR - Norman | PS_EMPLOYMENT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOB | PeopleSoft | SYSADM | Read | FMLA Action Reason is Protected data | | |
| HR - Norman | PS_JOB_EARNS_DIST | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOBCODE_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JOBFUNCTION_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JPM_CAT_ITEMS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JPM_JP_ITEMS | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_JPM_PROFILE | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_LEAVE_ACCRUAL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_LOCATION_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_NAMES | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_BUDGET_ACCT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_ETHNICITY_VW | PeopleSoft | SYSADM | Read | Ethnicity is Protected Data | § 24A.7. Personnel records —Confidentiality—Inspection and copying A. A public body may keep personnel records confidential: 1. Which relate to internal personnel investigations including examination and selection material for employment, hiring, appointment, promotion, demotion, discipline, or resignation; or 2. Where disclosure would constitute a clearly unwarranted invasion of personal privacy such as employee evaluations, payroll deductions, employment applications submitted by persons not hired by the public body, and transcripts from institutions of higher education maintained in the personnel files of certified public school employees; provided, however, that nothing in this subsection shall be construed to exempt from disclosure the degree obtained and the curriculum on the transcripts of certified public school employees. | |
| HR - Norman | PS_OU_JOB_EXTRA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_JOBCODE_TBL | PeopleSoft | SYSADM | Read | | | |

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|-------------|--------------------|--------------|--------|----------------------------|---|--|--------------|
| HR - Norman | PS_OU_PERSONAL_DAT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_OU_TIM_TS_VW | PeopleSoft | SYSADM | Read | I'm not sure what is on this table | | |
| HR - Norman | PS_OU_TIME_CODE_VW | PeopleSoft | SYSADM | Read | I'm not sure what is on this table | | |
| HR - Norman | PS_OU_ZIPPLUS4_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAY_CALENDAR | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAY_CHECK | PeopleSoft | SYSADM | Read | SSN, Home and Mailing address are protected by the Privacy Act - An employees Total Taxes, Deductions and Net should be treated as confidential as the information is specific to them. | § 840-2.11. State Employee Information Not Open to Public Inspection or Disclosure The home addresses, home telephone numbers, social security numbers, and information related to personal electronic communication devices of current and former state employees shall not be open to public inspection or disclosure without written permission from the current or former state employees or without an order from a court of competent jurisdiction. § 840-2.12. Renumbered as 74 O.S. § 840-1.6A by Laws 1995, HB 2021, c. 310, § 24, emerg. eff. June 5, 1995 | |
| HR - Norman | PS_PAY_ERN_DIST | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PAYGROUP_TBL | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PER_ORG_INST | PeopleSoft | SYSADM | Read | | | |

Data Specification

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| Category | Table/Package Name | Source (SOR) | Schema | Read/ Write/ Execute | Description | Notes | Validated By |
|-------------|--------------------|--------------|--------|----------------------------|---|--|--------------|
| HR - Norman | PS_PERS_DATA_EFFDT | PeopleSoft | SYSADM | Read | Gender - Protected Data Oklahoma Open Records Act | § 24A.7. Personnel records —Confidentiality—Inspection and copying A. A public body may keep personnel records confidential: 1. Which relate to internal personnel investigations including examination and selection material for employment, hiring, appointment, promotion, demotion, discipline, or resignation; or 2. Where disclosure would constitute a clearly unwarranted invasion of personal privacy such as employee evaluations, payroll deductions, employment applications submitted by persons not hired by the public body, and transcripts from institutions of higher education maintained in the personnel files of certified public school employees; provided, however, that nothing in this subsection shall be construed to exempt from disclosure the degree obtained and the curriculum on the transcripts of certified public school employees. | |
| HR - Norman | PS_PERS_DATA_USA | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_PERS_NID | PeopleSoft | SYSADM | Read | SSN Protected by Privacy Act | § 840-2.11. State Employee Information Not Open to Public Inspection or Disclosure The home addresses, home telephone numbers, social security numbers, and information related to personal electronic communication devices of current and former state employees shall not be open to public inspection or disclosure without written permission from the current or former state employees or without an order from a court of competent jurisdiction. § 840-2.12. Renumbered as 74 O.S. § 840-1.6A by Laws 1995, HB 2021, c. 310, § 24, emerg. eff. June 5, 1995 | |

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| Category | Table/Package Name | Source (SOR) | Schema | Read/ Write/ Execute | Description | Notes | Validated By |
|-------------|--------------------|--------------|--------|----------------------------|---|--|--------------|
| HR - Norman | PS_PERSON | PeopleSoft | SYSADM | Read | DOB - Protected Data | § 24A.7. Personnel records —Confidentiality—Inspection and copying A. A public body may keep personnel records confidential: 1. Which relate to internal personnel investigations including examination and selection material for employment, hiring, appointment, promotion, demotion, discipline, or resignation; or 2. Where disclosure would constitute a clearly unwarranted invasion of personal privacy such as employee evaluations, payroll deductions, employment applications submitted by persons not hired by the public body, and transcripts from institutions of higher education maintained in the personnel files of certified public school employees; provided, however, that nothing in this subsection shall be construed to exempt from disclosure the degree obtained and the curriculum on the transcripts of certified public school employees. | |
| HR - Norman | PS_PERSONAL_PHONE | PeopleSoft | SYSADM | Read | Personal Phone information protected by Privacy Act | § 840-2.11. State Employee Information Not Open to Public Inspection or Disclosure The home addresses, home telephone numbers, social security numbers, and information related to personal electronic communication devices of current and former state employees shall not be open to public inspection or disclosure without written permission from the current or former state employees or without an order from a court of competent jurisdiction. § 840-2.12. Renumbered as 74 O.S. § 840-1.6A by Laws 1995, HB 2021, c. 310, § 24, emerg. eff. June 5, 1995 | |
| HR - Norman | PS_POSITION_DATA | PeopleSoft | SYSADM | Read | | | |

Data Specification

Request 19 - Data Architecture Phase I Raw Layer

v 1.0 - Updated 2/24/2017

| Category | Table/Package Name | Source (SOR) | Schema | Read/ Write/ Execute | Description | Notes | Validated By |
|-------------|--------------------|--------------|--------|----------------------------|--|--|--------------|
| HR - Norman | PS_SAVINGS_PLAN | PeopleSoft | SYSADM | Read | Amount EE contributes to 403 or 457 Oklahoma Open Records Act | § 24A.7. Personnel records —Confidentiality—Inspection and copying A. A public body may keep personnel records confidential: 1. Which relate to internal personnel investigations including examination and selection material for employment, hiring, appointment, promotion, demotion, discipline, or resignation; or 2. Where disclosure would constitute a clearly unwarranted invasion of personal privacy such as employee evaluations, payroll deductions, employment applications submitted by persons not hired by the public body, and transcripts from institutions of higher education maintained in the personnel files of certified public school employees; provided, however, that nothing in this subsection shall be construed to exempt from disclosure the degree obtained and the curriculum on the transcripts of certified public school employees. | |
| HR - Norman | PS_SCHOOL_EDUCAT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_TRAINING | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_VISA_PMT_DATA | PeopleSoft | SYSADM | Read | Citizenship, Country and Passport Information is confidential | Per Nima Zecavati - OU Attorney | |
| HR - Norman | PSOPRDEFN | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PSROLEUSER | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PSXLATITEM | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_HEALTH_BENEFIT | PeopleSoft | SYSADM | Read | HIPAA protected data | | |
| HR - Norman | PS_HEALTH_DEPENDNT | PeopleSoft | SYSADM | Read | | | |
| HR - Norman | PS_DEP_BENEF_NID | PeopleSoft | SYSADM | Read | SSN Protected by Privacy Act | | |
| HR - Norman | PS_DEPENDENT_BENEF | PeopleSoft | SYSADM | Read | Address information protected by Privacy Act. Date of Birth and Gender are also protected data | | |