Service Request 3619 asks, in part, that the online EDB Inquiry System provide a means of restricting a user’s access to a subset of the entire Employee Data Base record population. This release satisfies this requirement by providing the Application Resource Security Manager (ARSM). Information regarding the requirements and examples of how ARSM can be implemented are provided in the document Application Resource Security Manager included with this release.

Note that since ARSM is considered an application-independent sub-system, all source code, object definitions, etc., incorporate the ‘ZZ’ application identifier to distinguish objects from Base Payroll/Personnel System objects.
CICS Programs

PPUNIQID

This Payroll/Personnel module has been modified to pass new parameters to ZZARSM necessary to Resource Access logic.

ZZARSM

This module has been modified to act as the driver for ARSM. It is called from PPUNIQID which passes information regarding the user and the resource for which access is being attempted. This module will in turn CALL the access module appropriate for the type of resource (e.g., FDB data) being requested. It passes back to PPUNIQID a Y/N value indicating whether or not permission is being granted to access the data.

ZZPPPEDB (new)

This is the access module which ZZARSM CALLs when the user is attempting to access FDB data. This module will examine data on the Group table (ZZZGRP), the Access table (ZZZACC) and, as appropriate, the Association table (ZZZASC) to determine if the rules and criteria which permit the user to access the specific FDB record being requested.

ZZWARSM (new)

This screen-handling program displays the ARSM Administration menu (ARSM) screen.

ZZWEACC (new)

This screen-handling program displays the Access Table Maintenance (EACC) screen.

ZZWEASC (new)

This screen-handling program displays the Association Table Maintenance (EASC) screen.

ZZWEDST (new)

This screen-handling program displays the Distribution Department Table Maintenance (EDST) screen.

ZZWEGRP (new)

This screen-handling program displays the Group Table Maintenance (EGRP) screen.

ZZWEHME (new)

This screen-handling program displays the Home Department Table Maintenance (EHME) screen.

ZZWERNG (new)

This screen-handling program displays the Range Rule Table Maintenance (ERNG) screen.

ZZWERUL (new)

This screen-handling program displays the Rule Table Maintenance (ERUL) screen.
Copymembers

ZZLNARSM

This copymember describes the interface between PPUNIQID and ZZARSM. It was changed to increase the size of ARSM-ACCESS-INTENT and add a return code field.

ZZWSCOMA (new)

This copymember describes the COMMAREA used by ARSM.

ZZWSCOMN (new)

Common data items used in ARSM modules are included in this copymember.

ZZWSXACC (new)

This copymember contains data items needed when processing the Association Table (ZZZASC).

ZZWSXRES (new)

This module contains data items related to the types of resources ARSM can process.

DDI Members

Sixteen DDI members are included in this release. These members are required to establish four new tables and online views of these tables. The tables are: Group (ZZZGRP), Rule (ZZZRUL), Access (ZZZACC) and Association (ZZZASC).

Include Members

Four Include members are included in this release. They correspond to the four online views in the DDI members mentioned above. Refer to the Installation Instructions for the relationship between DDI member name, view name and DCI/Include name.

Bind Members

Bind members for seven CICS-DB2 programs are included in this release.

CICS Maps

The following CICS maps are included in this release.

  - ZZARSM0 - ARSM Administration Menu
  - ZZEACC0 - Access Table Maintenance
  - ZZEASC0 - Association Table Maintenance
  - ZZEDST0 - Distribution Department Table Maintenance
  - ZZEGR0 - Group Table Maintenance
  - ZZEHME0 - Home Department Table Maintenance
  - ZZERNG0 - Range Rule Table Maintenance
  - ZZERUL0 - Rule Table Maintenance
Test Plan

A complete test plan is included with this release. Campuses are encouraged to use the base system test materials, as well as augmenting them with any desired local tests.

Installation

Installation instructions are addressed in a separate document included in this release. It is strongly recommended that a complete review of the installation instructions take place before attempting to install this release.

Timing of Installation

While timing of this release is not urgent, campuses are encouraged to install this release as soon as possible to enable campus functional review of IFDB Online Inquiry to proceed. As usual, campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.

If there are any questions, please send electronic mail to ISCCDR@UCCVMA, or call on (415)987-0692.

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