Re: Release: 1957
Service Requests: None
Error Reports: 2273, 2295, 2296, 2305, 2309, 2316, 2342
Cobol Programs: PPAPEUFE, UCFNAUTH, UCPANMLR, UCPANMGR
Copy Members: None
Include Members: None
DDL Members: IXBUH02C (new), IXBUH03C (new), IXBUN02C (new), IXBUN03C (new), IXCFN02C (new), IXDRC02C (new), IXDRC03C (new), IXEUDH0C (new), IXIDB06C (new), IXMNU02C (new), IXOAA00C (new), IXPFK03C (new), IXPFK04C (new), IXPFK05C (new), IXPGM02C (new)
Bind Members: None
CICS Maps: None
CICS Help: None
Forms: None
Table Updates: None
Urgency: Not Urgent (see Timing of Installation below)

This is the combined technical release for the 3rd and 4th quarters of 2010. The release addresses the following Error Reports:

**Error Report 2273**
Program UCPANMGR contains un-needed SQL in program UCPANMGR which can cause performance problems.

**Error Report 2295**
Program PPAPEUFE contains inefficient SQL which selects data from the PPPPER table, for the purpose of determining existence of a row. This SQL should be replaced by "SELECT 1".

**Error Report 2296**
Campuses have added indexes to support existing "on delete cascade" referential integrity constraints and this has improved performance. The same indexes should be added in base PPS.

**Error Report 2305**
Campuses have added database indexes which have improved performance. The same indexes should be added in base PPS.

**Error Report 2309**
Campuses have added database indexes which have improved performance. The same indexes should be added in base PPS.

**Error Report 2316**
It was reported that email PAN headers are mal-formed when PANs are generated in CICS. In some cases, the PANs were not reaching their intended recipients. The PAN headers are corrected in this release.

**Error Report 2342**
Program UCFNAUTH doesn’t provide a long enough field for the standard naming convention for RACF resources associated with web screen versions.
Cobol Programs

PPAPEUFE
PPAPEUFE is the final edit (FINAL-EDIT) application processor for the EDB Entry/Update (EU) CICS subsystem. Previously, the SQL in 9994-SQL-IS-EMPLOYEE-ON-EDB selected all fields in the PPPPER table for the purpose of determining whether or not the employee exists on the EDB. This code has been changed to issue “SELECT 1” instead.

In addition, all “SELECT *” SQL has been changed to reference specific column names.

UCFNAUTH
UCFNAUTH is used to check RACF security for a CICS screen function. This validates a user's access to the screen function requested. It has been modified to expand the field which contains the RACF resource name so that existing naming standards can be supported.

UCPANMLR
UCPANMLR is the PAN Email notification distribution module. It has been modified to remove the code which places the recipient’s name in the “to” field of the email and always put the email address there. This resolves the mal-formed mail header problem.

UCPANMGR
UCPANMGR is the PAN notification generation driver module. This program used inefficient SQL to retrieve the current timestamp. This code has been replaced with standard code for this purpose.

DDL Members
The following new DDL members create new indexes to improve database efficiency:

- IXBUH02C (new)
- IXBUH03C (new)
- IXBUN02C (new)
- IXBUN03C (new)
- IXCFN02C (new)
- IXDRC02C (new)
- IXDRC03C (new)
- IXEUDH0C (new)
- IXIDB06C (new)
- IXMNU02C (new)
- IXOAA00C (new)
- IXPFK03C (new)
- IXPFK04C (new)
- IXPFK05C (new)
- IXPGM02C (new)

Installation Instructions
A separate Installation Instructions document is provided for this release.

Test Plan
A separate Test Plan document is provided for this release.
Timing of Installation

The timing of this release is not urgent.

As usual, campuses are encouraged to install this release in as timely a fashion as possible and in the normal numeric sequence.

If there are any questions, please send electronic mail to Maxine.Gerber@ucop.edu, or call 510-987-0422.

Maxine Gerber