

Session Number 9

User Provisioning

Ventura County Community College District

Bill Pearce – Principal Consultant, SIG

3CBG

By the Sea 2009

Session Number 9

User Provisioning

Ventura County Community College District
Bill Pearce – Principal Consultant, SIG

3CBG

by the Bay
2009



Overview

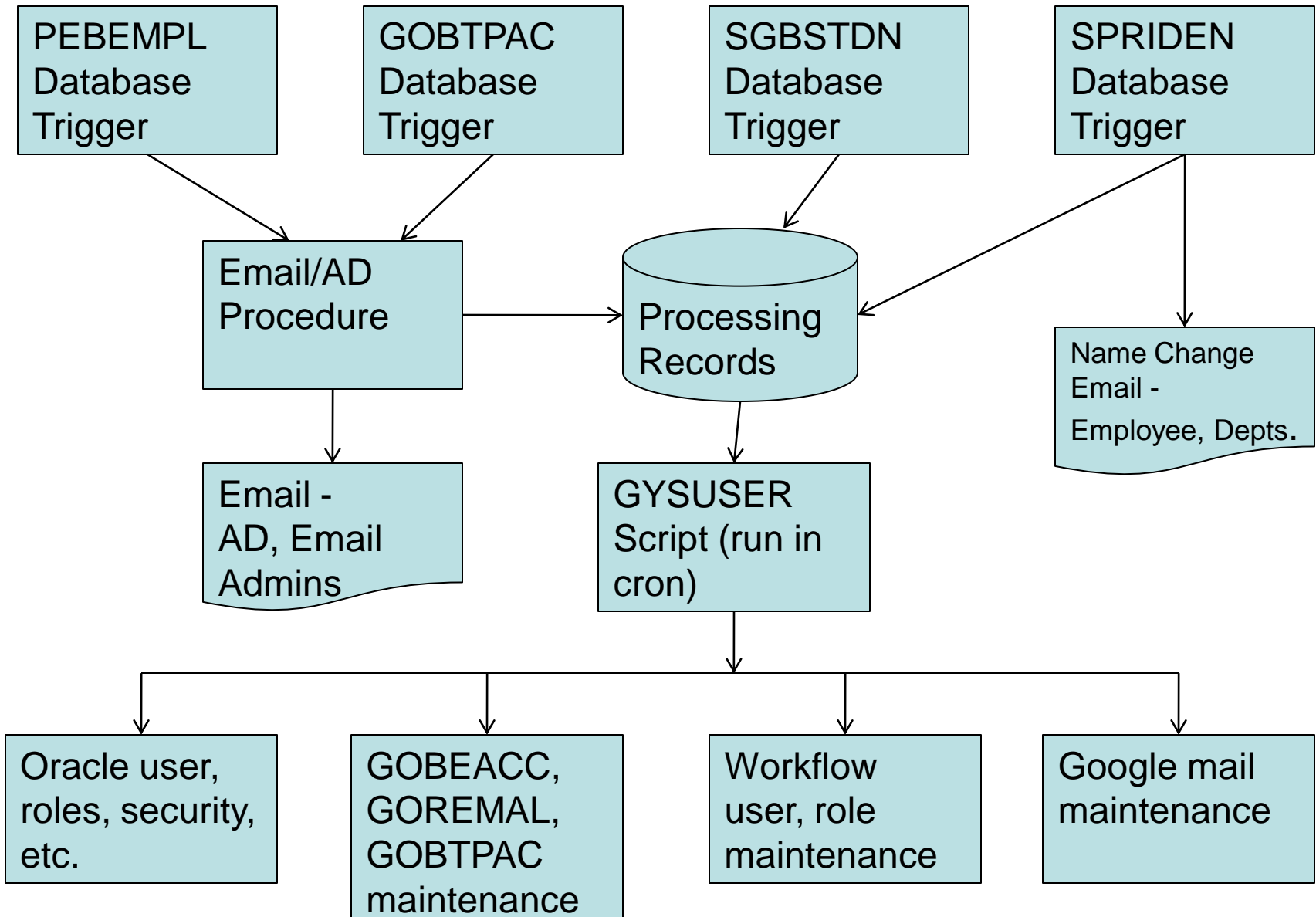
VCCCD has developed a process to assist in provisioning users, which includes creating Oracle user accounts, workflow roles and users, and email/gmail accounts for employees and students. It also notifies IT about new employees and organization changes, and user departments of employee changes.



Topics

- Process Flow
- Database Triggers
- Email/AD Procedure
- GYSUSER Script (aka, Message Broker on the cheap)
- Sample emails
- Questions?

Process Flow





Database Triggers

- PEBEMPL (after insert/update)
 - Sets up emails if non-student employee is hired, re-activated, or changes organizations, or if any employee is terminated.
 - Calls Email/AD procedure
- SGBSTDN (after insert)
 - Creates record for processing in GYSUSER if no GMAL record exists



Database Triggers (continued)

- GOBTPAC (after insert/update)
 - Sets up emails if non-student employee is hired, re-activated, or if the email address changes (some duplication of PEBEMPL trigger)
 - Sets up email if Third-Party ID is changed for Distance Ed student
 - Creates record for processing in GYSUSER if Third-Party ID changes, and active GMAL record exists
 - Calls Email/AD procedure



Database Triggers (continued)

- SPRIDEN (after insert – name change)
 - Sends confirming email (SMTP) to Non-student Employee, option to change Third-Party ID
 - Copies HR, Finance Security administrator, Payroll, Email and AD administrators, and Procurement Card administrator
 - Confirming email sent to internal departments only for Student Employees
 - Creates record for processing in GYSUSER if GMAL exists



Email/AD Procedure

- Called from PEBEMPL/GOBTPAC triggers
- Sends email (SMTP) that was built in triggers
- Creates record for processing in GYSUSER



GYSUSER

- Runs every 5 minutes in cron
- Why script is used:
 - Processes Oracle accounts via dynamic sql
 - Record creates were stomping on other triggers
- Dynamic sql
 - Creates user, Oracle roles, assigns roles for new non-student employees, or TP ID change
 - Expires password, locks account, deletes security for terminated employees



GYSUSER (continued)

- New Non-Student Employees, TP ID change
 - Creates VCCD GOREMAL
 - Creates MyBanner Menu
 - Creates/replaces GOBEACC record
 - Creates workflow user, generic roles
- Terminated Employees (All)
 - Terminates workflow user and roles
 - Inactivates VCCD GOREMAL if exists
 - Disables GOBTPAC



GYSUSER (continued)

- Re-instated Non-Student Employees
 - Activates VCCCD GOREMAL
 - Activates workflow user, generic roles
- All Employees
 - Inserts completed Wizard if not exists



GYSUSER (continued)

- Students
 - Inserts uncompleted Wizard if not exists
 - For new students, inserts GOREMAL, creates google mail account
 - If Third-Party ID changes:
 - Inactivates old GOREMAL
 - Creates new GOREMAL
 - Creates google alias
 - If Name Change, changes google name



GYSUSER (continued)

- CCCApply Students
 - Students are forced to use MyVCCCD via a smart link in CCCApply email
 - Sets PIN disable to N, accept to Y, and expiration date to 31-DEC-2099 so smart link won't fail
- Employee/Student Switch
 - If active VCCD email, inactivates GMAL
 - If inactive VCCD email, inactive GMAL email, and Wizard is complete, activates GMAL address



Sample email – new employee

From: tz_gobtpac_email_ad@vcccd.edu
To: bpearce@vcccd.edu
Cc: bpearce@vcccd.edu
Subject: Create Email and AD Accounts (TEST)

Please create Email and AD credentials for:

Employee ID: 900605212
Password: pass1212
First Name: Jesse
Last Name: Ventura
Employee Class: ZZ
Employee Status: A
Email Address: jventura@vcccd.edu
Home Org: D - VTA CO COMMUNITY COLLEGE DIST



Sample email – terminated employee

From: tz_pebempl_email_ad@vcccd.edu
To: bpearce@vcccd.edu
Cc:
Subject: Terminate Email and AD Accounts (PPRD)

```
Please Terminate Email and AD credentials for:
Employee ID:      900484202
First Name:      Bill
Last Name:       Pearce
Employee Class:   ZZ
Employee Status: T
Email Address:    bpearce@vcccd.edu
Home Org:        D - VTA CO COMMUNITY COLLEGE DIST
```




Sample email – re-activated employee

From: tz_pebempl_email_ad@vcccd.edu
To: bpearce@vcccd.edu
Cc:
Subject: Re-Activate Email and AD Accounts (PPRD)

Please re-activate Email and AD credentials for:

Employee ID: 900484202

First Name: Bill

Last Name: Pearce

Employee Class: ZZ

Employee Status: A

Email Address: bpearce@vcccd.edu

Home Org: D - VTA CO COMMUNITY COLLEGE DIST



Sample email – employee organization change

From: tz_pebempl_email_ad@vcccd.edu
To: bpearce@vcccd.edu; bpearce@vcccd.edu
Cc:
Subject: Change Email and AD Accounts (TEST)

Please Change Email and AD Organization credentials for:

Employee ID: 900605212

First Name: Jesse

Last Name: Moorpark

Employee Class: ZZ

Employee Status: A

Email Address: jventura@vcccd.edu

Old Home Org: D - VTA CO COMMUNITY COLLEGE DIST

New Home Org: 1 - MOORPARK COLLEGE



Sample email – Distance Ed Third-Party ID change

From: tz_gobtpac_email_ad@vcccd.edu
To: bpearce@vcccd.edu
Cc:
Subject: DE Student TP ID Change (TEST)

Third-party ID has changed for DE Student.

Student ID: 9000 [REDACTED]
First Name: Rosemarlene
Last Name: Changetpid
Old User ID: ROSEMARLENE_LYTLE1
New User ID: ROSEMARLENE_CHANGET1



Sample email – Name Change

From: tz_spriden_namechange_pkg@vcccd.edu Sent: Wed 9/30/20
To: bpearce@vcccd.edu
Cc: bpearce@vcccd.edu; bpearce@vcccd.edu; bpearce@vcccd.edu; bpearce@vcccd.edu; bpearce@vcccd.edu; bpearce@vcccd.edu
Subject: Name Change (TEST)

Confirming Email regarding name change:

Spriden ID: 900605212

Old First Name: Jesse

Old Last Name: Ventura

New First Name: Jesse

New Last Name: Moorpark

Employee Class: ZZ

Employee Status: A

Email Address: jventura@vcccd.edu

Banner ID: JVENTURA

Third-Party ID: jventura

FOMPROF User ID: NONE

If you would like to have your Banner ID and Email ID changed to match your name, please contact the District Help Desk at Ext. 7777.



Sample email – Employee Third Party ID change

From: tz_gobtpac_email_ad@vcccd.edu
To: bpearce@vcccd.edu
Cc: bpearce@vcccd.edu
Subject: Replace Email and AD Accounts (TEST)

Please replace Email and AD credentials for:

Employee ID: 900605212

Old User ID: JVENTURA

New User ID: JMOORPARK

Password: pass1212

First Name: Jesse

Last Name: Moorpark

Employee Class: ZZ

Employee Status: A

Old Email Addr: jventura@vcccd.edu

New Email Addr: jmoorpark@vcccd.edu

Home Org: 1 - MOORPARK COLLEGE



CCCApply email with “smart” link

From: mcadmissions@vcccd.edu
To: bpearce@vcccd.edu
Cc:
Subject: Welcome to Moorpark College

Sent: Fri 8/14/2009 3:16

REGISTRATION

Registration is completed using our online student portal, MyVCCCD, at my.vcccd.edu. If you have previously set up an account in MyVCCCD, you may access registration through the portal. In person registration is also available. Consult the Schedule of Classes for dates and time. View and search the online schedule of classes at <http://www.moorparkcollege.edu/schedule>

Note: If you are a new student in the Ventura County Community College District, you will need to enable your MyVCCCD account. To do so, click on the link below.

If clicking on the link doesn't work, you will need to copy and paste the entire link into your browser.

[https://webstar01.vcccd.edu:7781/UPGR/pw_cust_auth.p_passthrough?
sid=900140469&ts=1250262956&sig=B47774D9D0B2622B2CA7F04A575F88BF&ret_code=w](https://webstar01.vcccd.edu:7781/UPGR/pw_cust_auth.p_passthrough?sid=900140469&ts=1250262956&sig=B47774D9D0B2622B2CA7F04A575F88BF&ret_code=w)

You **must** complete the setup within 72 hours, or the link will be inactivated. After that time, please call (805) 378-1429 for assistance with setting up your account.



Questions?

