

Preparing for 2013 IT Audit

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Wimba Housekeeping

- Submit questions via chat function to "Main Room"
- We may hold some questions to the end of the session



Agenda

- Audit 2013
- New User Setup/Documentation
- Terminated Users
- Review of Current Users
- Security Controls/Process
- Q&A



Audit 2013 Overview

- Begins around May 1st each year for about 5 weeks
- Auditors run queries against PRD to validate users and database integrity.
- They provide the Financial auditors with a recommendation of whether or not the database is reliable.
- Auditors look for policies, procedures and evidence that those policies/procedures were followed.



How to Prepare for Audit 2013

- Gather policies/procedures and documentation prior to the auditor engagement
- Review users and ensure that their access is appropriate and well defined
- Ensure that no terminated users have access to the system
- Ensure that for active users there are no segregation of duties



Audit 2013 ITS Activities

- Monthly queries to review user access, terminated users, and SciQuest access
- Annual review of all active users to ensure job functions have not changed



Let's Review User Access and Setup

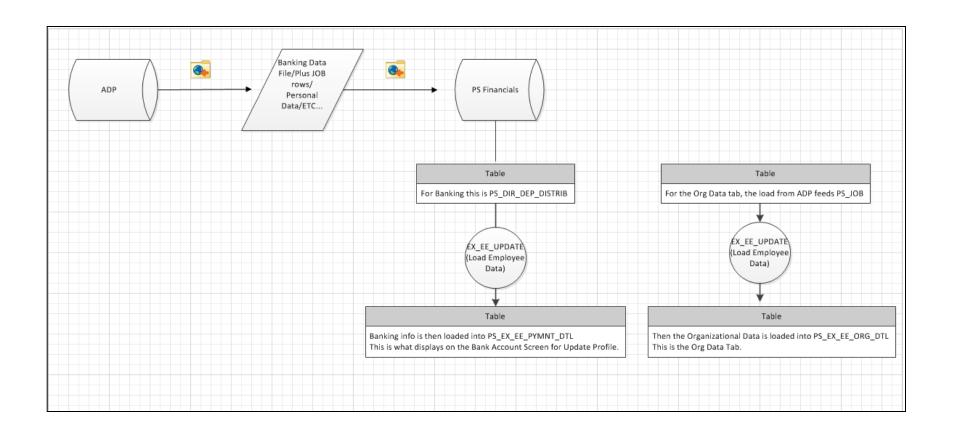


New User Setup/Documentation

- Self Service Registration vs. Manual
- Documentation/Process
- Approvals
- Training



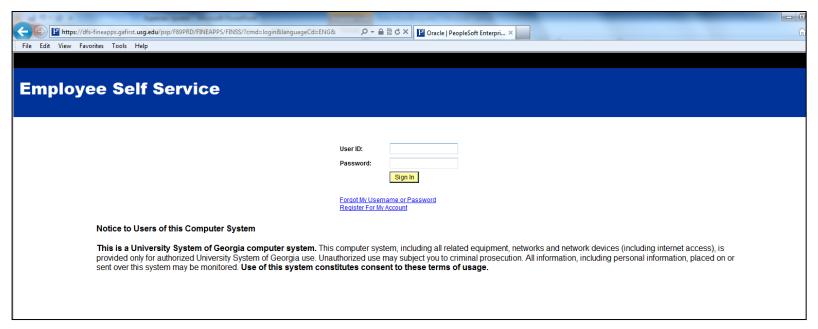
Feed from ADP





Registering for a User ID

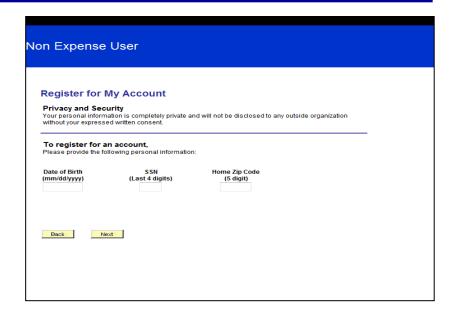
https://dfs-fineapps.gafirst.usg.edu/psp/F89PRD/FINEAPPS/FINSS/?cmd=login&languageCd=ENG&





Registering for a User ID

- Click on Register for My
 Account and fill in the required fields.
- It will pull up the job row and ask if you want to create an account for the specified institution.
- Click next and add a user ID.
- Log out after completion, and then log back in with your new user ID.





Accessing Expenses via Self Service

Institution of Employment





Documentation/Approvals

- Each institution defines their own process and form of documentation.
- Sample security request form is located on our website at: http://www.usg.edu/gafirst-fin/documentation/job_aids/category/security
- Each Process must not only be defined but documented and shown to the auditors.
- Each request form must have the appropriate approvals.
- Each process must be followed! If it is documented, they will be looking for evidence that it is followed.



Training

- It is important that adequate user training be provided for the end users.
- Granting access without training can result in errors which could become audit issues.
- There are online training archives on our website for different module areas, along with business process documentation.



Terminated Users

- Run the BOR_SEC_TERMINATED_USERS query
- Run Time Prompt is:
 - Your Business Unit
- Use this data to verify /remove access for terminated users (Core users and Non Core Users)
 - Use this as a secondary control measure. This query should only validate that you have removed all terminated users. It is not to be your business process, but a validation of your business process.



Removing Terminated Users

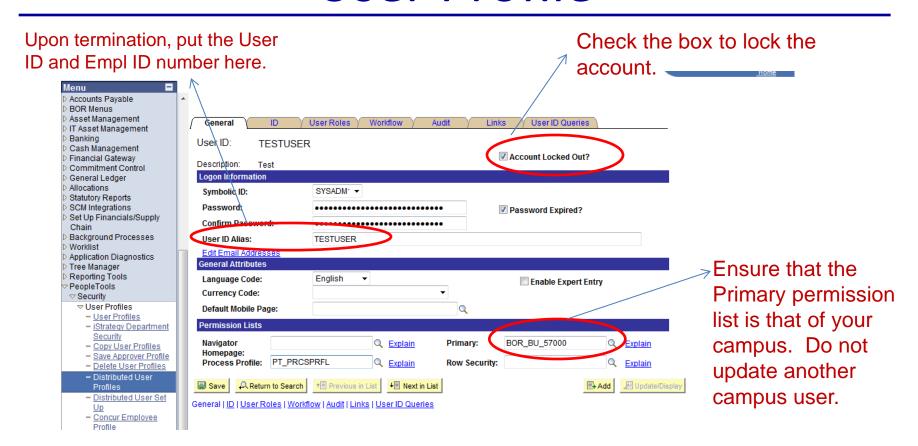
- 1. Lock Accounts/remove base role.
- 2. Ensure they are not multi-campus users.
- 3. Remove any approval roles, especially any workflow routing roles.
- 4. Remove the route control roles such as SUPERVISOR and BOR_GL_JRNL_APPR.



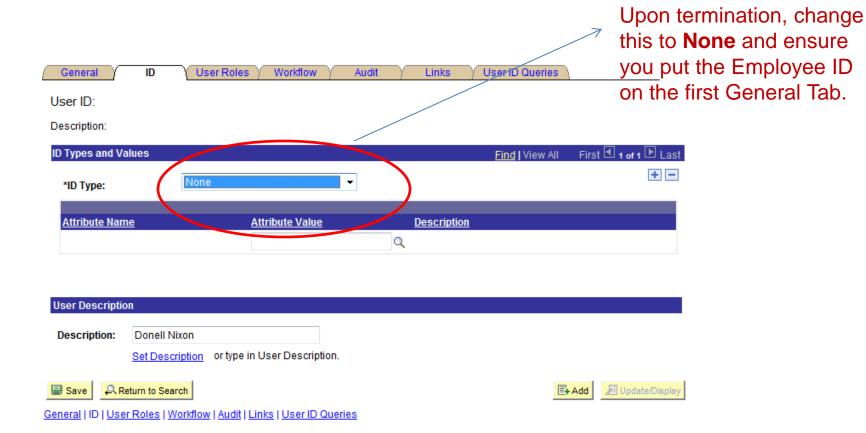
Removing Terminated Users

- 5. Remove worklist/email checkbox to stop notifications.
- 6. Remove budget security access in Commitment Control.
- 7. Replace the approver with a new approver.
- 8. Inactivate buyer/requester setup pages once the POs are closed.
- 9. Update the security request form.









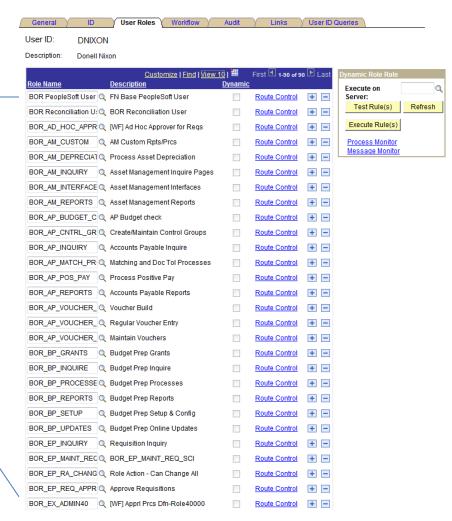


Remove the Base role "BOR PeopleSoft User." This role contains sign-on rights. Without it, users cannot sign on.

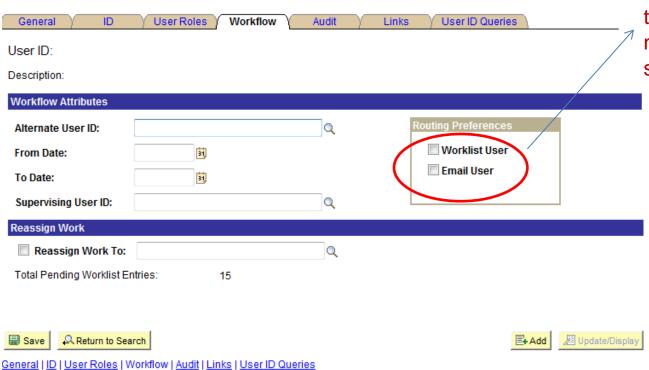
Remove any approval/workflow roles so transactions don't route to a terminated user.

Roles such as:

- BOR_EX_ADMIN,
- SUPERVISOR or
- BOR GL JRNL APPR, and
- any ePro workflow roles







Uncheck both of these so no notifications will be sent to the traveler.

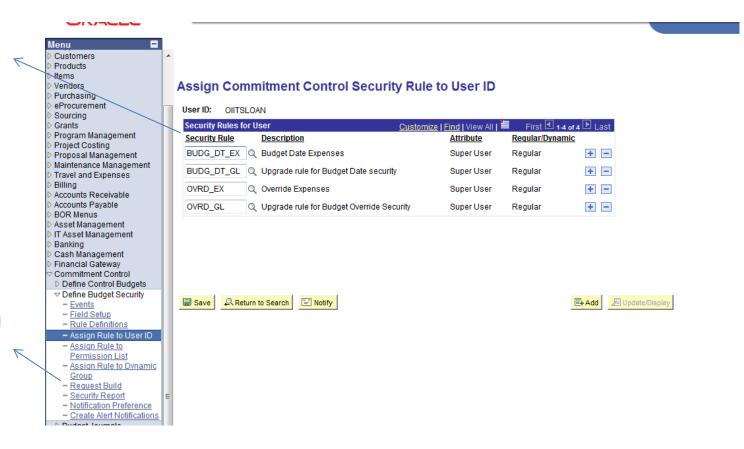




Budget Security

Remove all of the security rules from the terminated User ID.

After removing the rules, you must run the Request Build process.



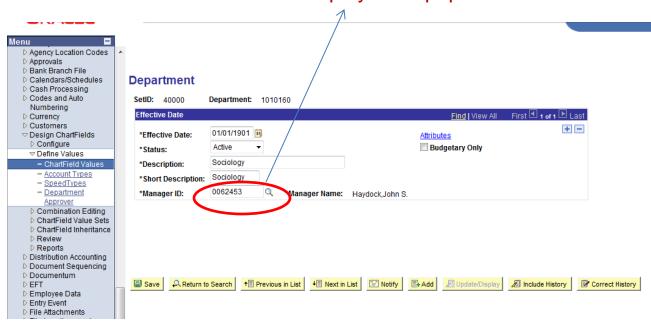


Updating Approvers

This is just one example of updating approvals. Others include:

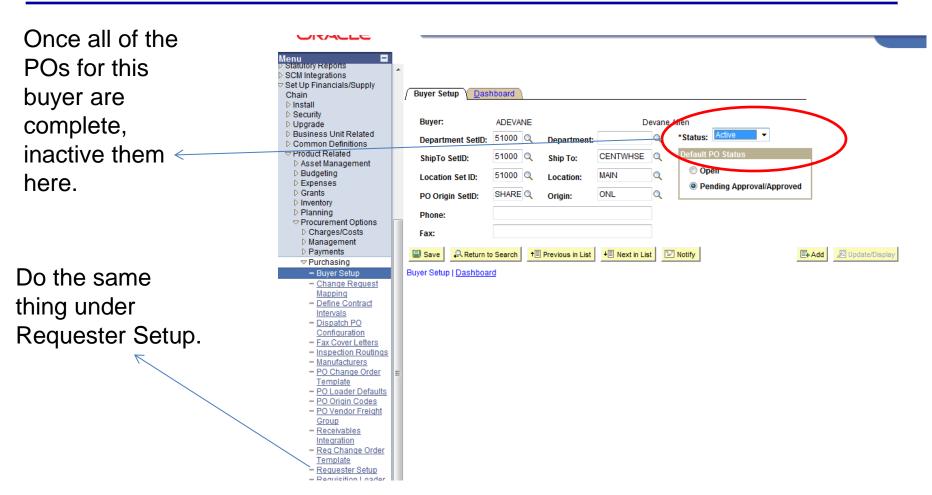
- Project Chartfield Manager
- Department Approver Page
- Expenses Approver Assignments
- iStrategy Dept Page

Make sure to remove them as soon as they terminate so that transactions will route to the correct person. Upon termination, a new approver must be inserted here. A new effective date row should be entered and the new employee ID populated.





Buyer/Requester Setup





Sample Security Request Form

Security Request Form - PeopleSoft Financials				
Employee Name: Last, First, MI	Date Submitted:	Social Security # / Employee ID:		
Cannon, Joy	9/29/2010 0:00			
Position Title:		Home Campus and Dept #:		
OIIT Support				
IN	STRUCTIONS FOR RECEIVING PRO	OPER ACCESS/CONNECTIVITY		
1. Complete the entire multi-page Security Application form. Incomplete applications will be returned to the employee.				
 Application will be processed and an email will be sent Attendance and/or Online PS Financials Training is REG 				
	Action	1		
Complete for appropriate action.				
New Request	Change of Access			
Change of Information Yes	Termination/Deletion			
'	<			

Always update the documentation to show terminated and put in the termination date.

Have all the appropriate approvals on the form that you use.



Review of Current Users

- Appropriate
 Documentation and
 Authorization
- Account Lockouts
- Password Resets
- Email ID Maintenance
- Role Assignment and Updates

- Commitment Control Security
- Other Setup such as Requester/Buyer /Approver Setup
- User Preferences
- Segregation of Duties
- Query Security



Appropriate Documentation and Authorization

- All active users must have the appropriate documentation that outlines what access the user has as well as have the appropriate approvals.
- At ITS, we review the security request forms for all active users yearly to ensure that their access is still appropriate.



Appropriate Documentation and Authorization

Consider:

- User may have changed jobs, so the job function will change.
- Look for any changes needed in <u>user preferences</u>.
- Ensure you monitor <u>roles</u> that allow more of privilege user access such as Local Security Administrator roles, Tree Manager roles, or Query roles.
- The IT Auditors will request a sample of forms from your current user population.



General Daily User Maintenance

- Typical functions of a security administrator are:
 - Account Lockouts
 - Password Resets (BOR_PT_USER_GENERAL)
 - Email Maintenance
 - Role Updates
 - Commitment Control Security
 - Requester/Buyer Setup

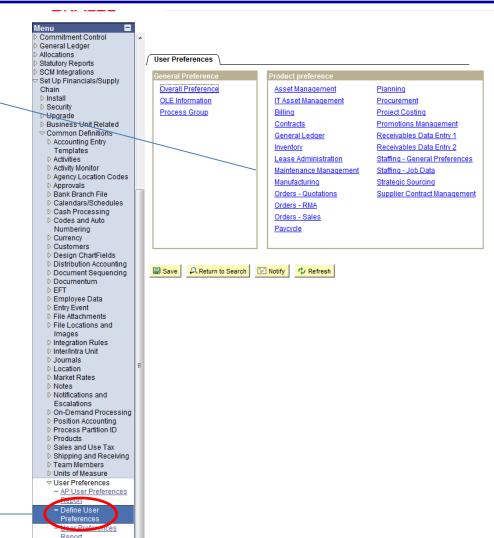


User Preferences

User preferences are defined under each link.
For example, Purchasing user preferences are located under the Procurement link.

Job aids for each job function available on website at: http://www.usg.edu/gafirstfin/documentation/job_aids/c ategory/security

This report shows what user preferences each of your users have. Print this for each user to use as reference when looking at segregation of duties issues.





Segregation of Duties

- Proper controls must be in place to prevent segregation of duties issues.
- A user that adds a vendor should not be able to approve that vendor.
- The query SEGREGATE_DUTY_BOR can be used as a guide for potential violations, but should not take the place of a sound business process with the associated documentation.
- For smaller campuses, if you have to have the same user adding and approving, there must be other compensating controls documented, put in place, and be able to prove the are being followed.



Query Security

- When granting query access, ensure that you are not giving unnecessary roles.
- BOR_PT_QRY_ALLACCGRPS provides access to the records that the user needs to query. This has to be provided.
- Then <u>ONLY ONE</u> of the following needs to also be provided:
 - BOR_PT_QRY_PUBLIC
 (Gives a user access to create public queries, run private and public queries)
 - BOR_PT_QRY_PRIVATE
 (Gives a user access to create private queries, run private and public queries)
 - BOR_PT_QRY_VIEWER
 (Gives a user access to run public queries)



Query Security

- Other roles that may be necessary:
 - BOR_QRY_SENSDATA
 (Gives query access to sensitive data records that may contain things such as SSN#s, emplids, etc.)
 - BOR_PT_QRY_BUDPREP
 (Gives access to the budget prep records)
 - BOR_QRY_XXXXX
 (Each institution has a query specific role that allows access to their banner views)
 - BOR Reconciliation User provides access to ADP data (Limit to those only working with ADP data)



- Duplication
 - BOR_EP_MAINT_REQ vs. BOR_EP_MAINT_REQ_SCI
 - Users only need one of these. The only difference between them is that the _SCI role contains the access to get to the Georgia FIRST Marketplace.



Duplication

- BOR_EP_MAINT_REQ_YE_CUTOFF vs.BOR_EP_MAINT_REQ_SCI_YE_CUTOFF
 - These roles are the same as in the previous slide, so they don't need both the BOR_EP_MAINT_REQ role and the BOR_EP_MAINT_REQ_YE_CUTOFF role.
 - At year end, ePro access will be removed from these two roles. So for the
 majority of your ePro users that you want to have their access removed at
 year end, choose these roles. If the user needs to keep access at year
 end, give them the regular role without the _YE_CUTOFF attached.

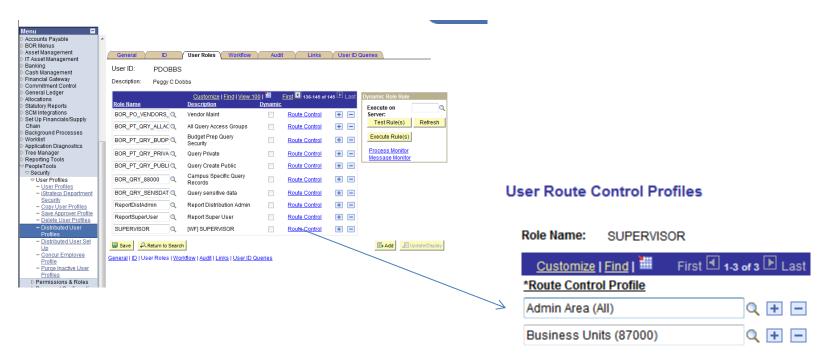


Duplication

- BOR_EP_REQUESTER vs.BOR_EP_REQUESTER_YE_CUTOFF
 - If users need access removed at year end, give them the role with _YE_CUTOFF.
 - If you give them both roles, then they will STILL have access at year end.



- Supervisor Role and BOR_GL_JRNL_APPR role have route controls associated with them.
- This controls the workflow routing for Purchase orders and Journals for approval.
- In order for workflow to work, the security administrator must populate the route controls.





Security Controls/Process

- Document each process institution specific
 - New hire process
 - Job function changes
 - Terminated User process
 - Approval Process
 - Security review process
- Follow and provide evidence that you follow the processes.



Other Helpful Documentation

The Straight and Narrow

http://www.usg.edu/audit/publications

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Other Helpful Documentation

- 2012 Security Administration Guide
- Campus Security Guide
- Other security forms and job aid functions

http://www.usg.edu/audit/internal audit

http://www.usg.edu/gafirst-

fin/documentation/job aids/category/security



Other Helpful Documentation

 Preparing for an ITS Audit Summit Presentation

http://www.usg.edu/gafirstfin/training/2011 georgia summit

Archived Security Wimbas (Security 101, etc.)

http://www.usg.edu/gafirst-fin/training/archives



Q&A

Please submit questions via the Wimba chat



Wrap Up

- Archive
- Follow-Up Survey
- Thank you for participating!