AuditLink CUTANSWERS Management Services Employee Security Audit

AUDITING YOUR EMPLOYEES' ACCESS TO CU*BASE

CU*BASE® is a registered trademark of CU*Answers, Inc. Find this booklet online: open.cuanswers.com/cubase-reference

Revised: March 12, 2021

This booklet represents a culmination of 20 plus years of experience performing security reviews for credit unions from 5 million to a billion dollars in assets. The process requires planning, preparation, communication, and documenting the work performed. The document is actually a brain dump of everything Jim Vilker, NCCO, CAMS, Vice President of AuditLink, knows about the system, credit union operations, and the proper application of tools to staff in various positions of the credit union.

Technically, a review of employee permissions to the core is to be completed on an annual basis based upon the requirements in your contract with CU*Answers (The Complementary User Access Controls section) and FFIEC guidance followed by state and federal regulators.

In reality, the audit of security access controls need only be completed once unless job descriptions change or if a merger occurs. Once this audit is complete your credit union should institute a formal process to complete access control changes on a continuous basis and then document the audit for the Supervisory Committee, regulators and third-party auditors.

The goal of the audit is to understand and implement the appropriate segregation of duties when possible, and, if that cannot be achieved, to understand the risks and create review procedures to mitigate those risks that were identified.



Contents

Audit Access to CU*BASE Employee Security—3 Segregation of Duties with Employee Security-4 View-Only Version of Employee Security-4 Prepare for the Employee Security Audit—5 Segregation of Duties—5 Employees with Special Responsibilities—5 Organize for the Employee Security Audit-7 Evaluate the Risk of Shared Employee Profiles—8 Templates—9 Team Codes—12 Job Classes-13 Handling Employees No Longer Employed—14 Run the Audit on Sample Employees—17 Reviewing the Sample Employee's Tools-18 Run a Beta Period and Review—28 Copy the Sample Employee to the Template—29 Copy the Sample Employee to the Team Code—31 Create Merged Templates—33 Audit Specialized Employees—34 **Review Tools Not Assigned—35** Create Reporting and Auditing Procedures—38 Documenting Tools Assigned During the Audit—38 Scheduling a Bi-Annual Audit of Employee Tools—39 Reviewing Process to Assign New Tools-40 Evaluating New Tools with Releases—40 Updating Your Policy to Lock/Archive Employee Profiles-41

Learn More About Employee Security—42

Webinar on Employee Security—42

Audit Access to CU*BASE Employee Security

Auditing who can assign tools via Tool #327

Your Employee Security Audit begins with a review of who has access to **Tool #327 CU*BASE Employee Security**. Employees having this tool access can create, archive, and delete templates, and assign tools and special security. All these tasks are covered in the Employee Security Audit.

> A good rule of thumb is to grant Tool #327 to C-level employees and Information System Managers. Pick employees with a good command of the system and a good grasp of your operations.



Employee Security Dashboard (Tool #327)

 A view-only version is also available for employees who only need to view tools, but do not need to grant access.

Tool #327 CU*BASE Employee Security should never be included in a template.

Segregation of Duties with Employee Security

When assigning Tool #327, ask yourself these questions to ensure segregation of duties:

- Who has the authority to assign tools and security at your credit union?
- Do you have proper coverage and auditing controls in place?
- Does giving the ability to grant tools to employees pose a risk?

Designate Your Security Officers

Once you designate a person as a security officer with access to Tool #327, submit a Credit Union Security Authorization Request to the Client Services and Education team.

Find the Credit Union Security Authorization Request form in the CU*Answers Online store. <u>https://store.cuanswers.com/product/user-id-additions-and-deletions</u>

View-Only Version of Employee Security

The view-only version of Tool #327 is a better option for employees that do not need to assign tools to employees, but who still want to know what tools are assigned.

When you assign Tool #327, CU*BASE asks if you want to assign the maintenance version or **Tool #951 View Employee Security Settings/Maint**, the inquiry version.

Assig	ning 100i #951 – view-C		esecuny
Session 1 CU*BASE GOLD - File Edit Tools Help			
Assign Tools t	o Employees		All Available Tools
For all employees Search for Categories Select	# employ Exact Descrip Types S	otion Tool # 327	nted row indicates a custom program
		View	
Session 1 CU*BASE GOLI) - Tool Title		
Tool # 327 CU+BAS 951 View F	Tool Title E Employee Security Employee Security Settings/Maint	Access Type Shortcut Full access SECURITY View-only access	
$ \underline{S}elect $	<i>∎</i> ∂i?@	↑ ↓	(6157)
	out This Tool Show Assigned Employees		↑ ↓
Usage Analysis Show Assigned Print		ob Classification or Tool Assignments, instruct yee's home page display will correctly reflect t	
← → ↑ ॥ 🖶 🔗	i ?@		(6166) 2/26/21

Assigning Tool #951 – View-Only Version of Employee Security

Prepare for the Employee Security Audit

Evaluating separation of duties and special roles

This section of this document is important to review and absorb because it goes to the meat of the Employee Security Review, which is your architecture and design of your employee security.

As you prepare for your Employee Security Audit, ask yourself the following questions:

- How do you allocate tasks in a way that ensures there are segregation of duties?
- How do you audit employees who have grown to take on special responsibilities?

Segregation of Duties

At this point in the Employee Security Audit, ensure that there is segregation of duties at your credit union. Review duties such as monitoring dormant accounts and access to account adjustment to ensure that proper auditing measures are in place.

Review the following to evaluate your segregation of duties:

- Full account adjustment and transaction override authority. Only give trusted employees the ability to perform member account adjustments and override transactions. Ensure you have an audit process for employees with full account adjustment permissions. While evaluating this function remember that coded account adjustments limit the risks associated adjusting an account and reversing a transaction.
- General ledger reconciliation and teller line authority. As a rule, do not give employees responsible for reconciling general ledger accounts teller line authority (access to cash). If both are granted to an employee, make sure you have an auditing procedure in place to mitigate the risk. Why? Having the capability to manipulate physical cash and then adjusting generally ledgers poses a high level of risk.
- Dormant accounts: Pay special attention to employees who monitor activity on dormant accounts. Only grant a few individuals in the back office the ability to update a member's dormancy status. None of them should have cash handling or teller drawer authority.
- Miscellaneous checks: If staff members can print miscellaneous checks, this elevates the risk that checks could be cut from G/L accounts and fly under the radar. Restrict these permissions to employees in accounting.

Employees with Special Responsibilities

Set aside everyone in the role above Branch Manager (for example CEO, CFO, the head of the Accounting team, IT Manager). Additionally, take into account the "one-off" employees who, while they may fit neatly into one role, at times also perform a specialized task. For example, you

may have an accountant who handles a special project or a loan officer that works with mortgage processing. These employees' tools and security is reviewed at the end of the audit.

Organize for the Employee Security Audit

Preparing employee profiles, templates, team codes, and more

Now that you have ensured that there is separation of duties and good handling of employees with special responsibilities, it is time to organize the employee profiles on the Employee Security dashboard. Access the employee profile screen by selecting an ID in the list and choosing the *Empl Profile* option.

		Employee Se	curity Dashboard	
AR Z AND ALL ALL ALL ALL ALL ALL ALL ALL ALL AL		IT	separated 2/28/2018	00 Nov 09, 2017 02 Jun 26, 2018 02 Aug 22, 2018 04 Oct 23, 2018
AV F Empl Profile	Copy Special Security	Del/Archive/Lock	View Profile	04 Sep 09, 2019
All Tool Assignments Add Employee				
CU Options Data Center Employees	<i>i</i> Temporarily Ic	ocked IDs, including templa	tes, will show as highlighted in yellow.	
View Maintenance				
Show Templates View Archived IDs Profile Analysis	<i>•</i>	• • • •	lob Classification or Tool Assignments, in wee's home page display will correctly re	., .

Below is the Employee Profile screen.

ЕПРЮу	ee Prollie Screen	
Session 0 CU*BASE GOLD - Employee Profile	6	₽
Employee ID AB		UPDATE
Name ANDREW EMPLOYEE	This is a template	
Vault # 1	Other authorized vaults Select 13 selected	
☑ Teller posting	Team code (CU-defined) TL	
Job class (for recommended tools) TELLER	Comments	
Branches to exclude Select	Restrict auto-security for this employee	
Corp IDs to exclude Select		
Start date Dec 15, 2014 iii [MMDDYYYY] NMLSR	.#	
Email address andrewemp@abccreditunion.com		
← → ↑ ॥ 昌 ♂ i ? @		(6180)

Evaluate the Risk of Shared Employee Profiles

At this point in the Employee Security Audit, it is time to evaluate the security where the employee profile is shared, and the password is generally known. During this review you will also uncover employee IDs used to track or report on a specific event. These IDs do not elevate risk as long as they are not granted access to any tools and the ID remains locked.

For example, your credit union may have an "roving teller" employee profile shared by tellers who work at multiple branches. This strategy was previously used to give tellers who changed branches access to the vaults at each branch.

Advances in CU*BASE mean that this strategy is no longer needed. Instead, you can assign all the vaults that the teller will interact with to their employee profile. Then the employee simply activates the appropriate vault when working at each branch.

To begin to move to this strategy, review the authorized vaults assigned to each employee profile with teller privileges to begin to move to the new strategy. Assign multiple vaults to one or two tellers and then adjust the vaults of all tellers. At end of this process, lock your roving teller templates and scramble the password to remove this risky strategy at your credit union.

Assign Multiple Teller Vaults

To assign additional vaults to an employee, click the Select button next to Other authorized vaults.

Employee Profile Screen						
Session 0 CU*BASE GOLD - Employee Profile						
Employee ID AB		UPDATE				
Name ANDREW EMPLOYEE	This is a template					
Vault # 1	Other authorized vaults Select 1 selected					
☑ Teller posting	Team code (CU-defined) TL					
Job class (for recommended tools) MSR	Q Comments 12/15/2014					
Branches to exclude Select	Restrict auto-security for this employee					
Corp IDs to exclude Select						
Start date Jan 01, 2020 🛗 [MMDDYYY	Y] NMLSR # 123456					
Email address andrew@somewhere.com						
		_				
← → ↑ Ⅱ 🖶 & i ? @		(6180)				

Your vaults will appear. Hold down the CTRL key and select all appropriate vaults from the list. Then use Select to return to the Employee Profile screen.

The number of vaults you selected is shown.

Employee ID	AB		UPDATE
Name	ANDREW EMPLOYEE	His is a template	
Vault # 1	e	Other authorized vaults Select 4 selected	
Teller postin	Ig	Team code (CU-defined) TL	
Job class (for r	ecommended tools) MSR	Comments 12/15/2014	
Branches to ex	clude Select	Restrict auto-security for this employee	
Corp IDs to exc	clude Select		
Start date	Jan 01, 2020 🛗 [MMDDYYYY] 🛛 🕅	/LSR # 123456	
Email address	andrew@somewhere.com		

Templates

Templates are special employee profiles created to make it easier to assign tools and security to people who do similar tasks. The task at hand is to find commonalities between different people, be it by job title or job responsibility.

 When you converted to the system, several templates were created for your credit union. Now it is time to sunset the ones that are no longer used and create new templates that fit your needs.

Look for ways to group employees by what they do at your credit union. Identify employees that perform key roles, such as teller, member service representative, or loan officer. Additionally, evaluate the level in this role. For example, you may specify different teller levels, including new teller, seasoned teller, and head teller.

Frequently Used Templates

Responsibilities held by a department of employees at larger credit unions may be part of the job of a single employee at a smaller credit union. For that reason, larger credit unions may use more templates than smaller credit unions.

Here are some common templates:

- Accounting
- Card services
- Exception processing
- Investment processing
- Accounts payable/subsidiary
- Auditor

- Branch Manager
- IT I
- Teller
 - ▷ Head Teller
 - \triangleright Seasoned Teller
 - ▷ New Teller
- Loan
 - ▷ Loan Interviewer
 - ▷ Loan Processor
 - \triangleright Loan Officer
- Credit
- Call Center
- Security officer
- Collections
- Marketing
- External Auditor/Examiner
- Internal Auditor

Tips on Templates

The following are helpful tips from AuditLink when considering what templates to use:

- Create templates for people who perform similar duties.
- Do not create a template for one employee.
- The higher the authority of the employee the less likely you will use a template. If you have a Management template or similar template created, lock it. (Locking a template is covered later in this document.)
- Plan on having at least three teller templates.
 - ▷ A New Teller template is for a teller in the first six months of employment. Do not assign override and file maintenance permissions to this template.
 - A Seasoned Teller template is assigned additional tools and permissions including Coded Account Adjustments.
 - > A Head Teller template that would include tools and permissions appropriate to their position.

Marking Employee Profiles as Templates

At this step in the Employee Security review, mark your employee profiles that are templates. To make an employee profile a template, select the employee profile and check the *This is a template* box.

Marking an Emplo	yee Profile ass a Template	
Session 0 CU*BASE GOLD - Employee Profile		
Employee ID TH	UPD	ATE
Name HEAD TELLER TEMPLATE	This is a template	
Vault # 1	Other authorized valilits Select	
✓ Teller posting	Team code (CU-defined) TL	
Job class (for recommended tools)	Comments HEAD TELLER TEMPLATE	
Branches to exclude Select	Restrict auto-security for this employee	
Corp IDs to exclude Select		
Start date [MMDDYYYY] NMLSR	#	
Email address		
←→↑ 🖶 & û ? @		(6180)

Once you use Enter, the template will disappear from the Employee Security Dashboard and you will only see those that belong to employees in the listing.

To view the template you just created, click Show Templates.

	TL	Y 06052018 Y 07/01/2013 10/07/2019/removed 4/8/20	01 + Jul 22, 2019 01 + Jun 05, 2018 01 + 01 Sep 13, 2019
Сору	Del/Archive/Lock	View Profile	
Special Security	Assign Tools to this I	Empl Reset PW	
7 Temporarily loc	cked IDs, including templa	tes, will show as highlighted in yellow.	
for making a	hanges to an employee's	ab Classification or Tool Assignments instr	ust the employee to lear off and he
	• • • •	• · · · ·	
	win ensure and the emplo	yee's nome page display will correctly rene	ce are underlying security settings.
	Special Security Temporarily log After making cl	Copy Del/Archive/Lock Special Security Assign Tools to this I Temporarily locked IDs, including templa After making changes to an employee's J on again. This will ensure that the emplo	Copy Del/Archive/Lock View Profile Special Security Assign Tools to this Empl Reset PW Temporarily locked IDs, including templates, will show as highlighted in yellow. After making changes to an employee's Job Classification or Tool Assignments, instruon again. This will ensure that the employee's home page display will correctly refle

Clicking "Show Templates" to View the Templates

Then only the templates will show in the listing.

		101	npiù	103 0			
- Sess	ion 0 CU*BASE GOLD - ABC CREDIT UNION						â — e 🗾
ile E	dit Tools Help						
Employee Security Maintenance Templates							
Jump to ID Search for name containing Show only job classification							
ID	Name	Job Class	Team	Teller	Comments	Vault	Start Date
II	INFORMATION TECH TEMPLATE	IT			TEMPLATE CREATED 11/6/2020	- 00	
	LOAN PROCESSOR TEMPLATE				template built 11/10/20	00	Nov 10, 2020
	MSR_MSO TEAM LEADER TEMPLATE					00	Oct 01, 2018
	TELLER TEAM LEAD		TL	Y	HEAD TELLER ASSISTANT	01	
	HEAD TELLER TEMPLATE		TL	Ŷ	HEAD TELLER TEMPLATE	01	
TN	NEW TELLER		TL		NEW TELLER TEMPLATE	01	
TC	SEASONED TELLER WITH VAULT		TL	V V	SEASONED TELLER WITH VAULT	01	

Templates Only Show

Team Codes

Next you will assign you team codes, which are the templates that you designed to each employee's profile. (Look in the ID field.)

	Findi	ing t	he Te	eam Code		
Session 0 CU*BASE GOLD - ABC CREDIT UNION						â 🗉 📼 🛋
File Edit Tools Help						
Employee Security Maintenance Templates						
Jump to ID 📃 Search for name containing Show only job classification						
ID Name	Job Class	Team	Teller	Comments	Vault	Start Date
II INFORMATION TECH TEMPLATE	IT			TEMPLATE CREATED 11/6/2020	00	New 10 2020
M6 MSR MSO TEAM LEADER TEMPLATE				template built 11/10/20	00	Nov 10, 2020 Oct 01, 2018
TA TELER TEAM LEAD		TL	Ŷ	HEAD TELLER ASSISTANT	01	
TH HIAD TELLER TEMPLATE		TL TL	Ŷ	HEAD TELLER TEMPLATE	01	
TS PEASONED TELLER WITH VAULT		TL	Ŷ	SEASONED TELLER WITH VAULT	01	

Assigning Team Codes to Employee Profiles

Return to the listing of employee profiles and sort by team code to review the assignments.

e Edit Tools	Help						
Employee Security Maintenance Employee IDs							
Jump to ID Search for name containing Show only job classification							
	Name	Job Class	Team	Телуг	Comments	Vault	Start Date
D							0
S DANIEL						33	Aug 06, 2019
DS DANIEL DT DEALER			TL	Y		01	Hug 06, 2019
	1.1		TL LN LC IT	Y	10 C - 10		Hug 06, 2019

Team Code Column

If you need to change the team code, select the employee profile, and assign the appropriate team code in the field provided.

 Employees are not assigned a team code if they do not belong to a template or if they no longer work at your credit union.

Session 0 CU*BASE GOLD - Employee Profile	h3	⊡
Employee ID AB		UPDATE
Name ANDREW EMPLOYEE	This is a template	
Vault # 1	Other authorized vaults Server 13 selected	
☐ Teller posting	Team code (CU-defined) TL	
Job class (for recommended tools) TELLER	Comments	
Branches to exclude Select	Restrict auto-security for this employee	
Corp IDs to exclude Select		
Start date Dec 15, 2014 🗰 [MMDDYYYY] NMLS	SR #	
Email address andrewemp@abccreditunion.com		
← → ↑ ॥ 昌 ♂ i ? @		(6180)

Employee Profile with Team Code Assigned

When you complete the assignment of team codes to employee profiles, sort by the Team column to audit your work. This will ensure you assigned the correct team code to each employee.

✤ Session 0 CU*BASE GOLD File Edit Tools Help							
Jump to ID	Security Mai		e		Show only job classification	E	Employee IDs
ID	Name	Job Class	foa m	Teller	Comments	Vault	Start Date
KF k ZJ S ZK C AB F BB E BD E BG E BS E C C CH C		MSR Del/Archi	YL UW UW TL TL	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	01/2014 1/15/2014 06/02/2015 06/02/2016 06/02/2016 06/02/2013 06/27/2012 06/27/2013 06/27/2013 06/27/2013 NEW HIRE 5-13-15 04/03/2017 FALL 2013 03/2015 03/2015 09/2015 09/2015 09/2016 View Profile	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Oct 16, 2020
Acct Security All Tool Assignments	Copy Special Security	Assign To			Reset PW		ΤΨ
Add Employee							
Data Center Employees	i Temporarily l	ocked IDs, includ	ing templat	es, wil	l show as highlighted in yellow.		
/iew Maintenance							
Show Templates	After making	changes to an en	nployee's J	ob Clas	sification or Tool Assignments, instruct the	employee t	o log off and back
View Archived IDs					ome page display will correctly reflect the u		
Profile Analysis							
< → ↑ 🖷	8 🕄 🛈 ? @						(6184) 2/26/21

Employee Security Dashboard Sorted by Team Code

Job Classes

Job classes are used to classify tools by certain job functions, such as teller, member service, analysis, call center, human resource, etc. Unlike Team Codes, most employees will be assigned a job class. At a later step in the Employee Security Review, job class is used as another way to recommend tools. These classifications represent those which AuditLink recommends.

Assigning Job Classes to Employee Profiles

Select the employee profile from the Employee Security dashboard and assign the job class using the lookup provided.

Employee Profile with Job Class Assigned Session 0 CU*BASE GOLD - Employee Profile	
Employee ID AB Name ANDREW EMPLOYEE This is a template	UPDATE
Vault # 1 Other authorized vaults Select 13 selected Image: Select	
← → ↑ ॥ 昌 & i ? @	(6180)

When you have assigned the appropriate job class to your employee profiles, sort the Employee Security dashboard by Job Class to proof your work.



Employee Security Dashboard Sorted by Job Class

Handling Employees No Longer Employed

At this point you will still see employee profiles who belong to people who no longer are in your employ. This step locks these employee profiles and makes it easy to sort them out of view.

Lock Versus Archive

When an employee leaves, it is a good practice to lock that employee profile and not archive it until your policy recommends it. The higher the level of the employee, the longer they should remain in the locked status. Keep employees in the locked position for no less than one audit period (12-18 months).

• A good rule of thumb is to retain a Teller for 12-18 months, a Member Service Representative (depending on responsibility) for 18 months, and a loan officer for much longer.

Locking an employee profile allows you to continue to monitor it for future unauthorized use. Even employees on longer leave, such as a medical leave, should be locked to avoid the accidental use of their employee profile. Additionally, locking the employee profile ensures that the employee's name remains in the system to appear on maintenance logs and other reports.

For example, when a loan officer leaves your employ, lock her profile for a scheduled period. That way, your Loan Manager can pull the Trial Balance report months after she left and still see her name will on the loans she serviced.

When you archive an employee profile, its settings move out of production to a different file. At that point, the employee's name and ID will not appear on any reports and other documentation,

and the ID can be used with a new employee profile. (The system retains the termination date to clarify these situations.)

For example, when the employee profile is archived later (per your policy), the area of the report mentioned above is then either blank or used by the next employee assigned the same two-digit employee ID since it is now available. (Research into the date employment ended would clear up any reuse of an employee ID.)

Deleting an employee profile deletes the employee profile entirely from the system. This will be used after a scheduled length of time has passed.

As covered later in this document, it is important to amend your termination procedures to add a formal process for locking employee profiles. Your credit union should develop a policy to continue to monitor locked employee profiles until they are ready to be archived with their settings.

Locking an Employee Profile

Review your Employee Security dashboard and lock the appropriate employee profiles.

Do not remove tools or otherwise change the employee profile before you lock it. This ensures that you retain an audit record of the permissions that were assigned when this person was still in your employ.



Locking an Employee Profile on the Employee Security Dashboard

From the Employee Security dashboard, select the employee profile and Del/Archive/Lock.

Locking an Employee Profile

Session 0 CU*BASE GOLD - Delete/Archive/Lock Employee Profile
Employee ID GR GRACE
Action OArchive profile with all settings OPermanently delete profile and all settings
If archiving, specify employee end date Mar 27, 2020 III [MMDDYYYY] WARNING - Except for start and end date, employee data CANNOT be changed after it is archived. Make sure comments and other profile info are correct before proceeding.
$\leftarrow \rightarrow \uparrow \parallel = \mathscr{S} i ? @$

Choose Lock ID temporarily then click Process to complete the lock.

Then complete the following steps to the employee Profile on the dashboard:

- 1. Document the date that the employee left your employ in the Comments field.
- 2. Remove the Team Code. This ensures if the Team code's tools or security change, the employee profile's tools and security are not adjusted.
- 3. Type a few Zs in front of the employee name. Then when you sort by the Name column, these employee profiles are sorted to the bottom of the list.

			Locke	ed E	mplo	oyee Profile		
×	• Sess	ion 0 CU*BASE GOLD - TEST CREDIT UNION						â — o 💌
F	ile E	dit Tools Help						
	En	nployee Security Main	ntenance				E	Employee IDs
	Jum	p to ID Search for name	containing			Show only job classification		Q
	ID	Name	Job Class	Team	Teller	Comments	Vault	Start Date
	AG	ZZZJOSEPH SMITH	TELLER		Ŷ	left employment 01/20/2021	01	Jun 24, 2019

Run the Audit on Sample Employees

Adjusting sample employee tools and security

At this point you begin to alter the tools assigned to employees. It is important to have all members of Employee Security Audit team present. Make sure both the employee and their manager are easily accessible to answer any questions about tool assignments.

During this part of the Employee Security Audit, the tools and security of the sample employees are adjusted to meet their job description. When selecting the employee to use, choose a seasoned employee who does the tasks of the position such as "Seasoned Teller" or "Member Service 2" that do not have many other responsibilities. You are looking for an employee you can later use to build the associated template.

Setting a Positive Tone for Success

Setting the right tone with the sample employee is very important for the success of your Employee Security Audit. While the employee may ultimately lose access to some of their tools, they may also get new tools that they previously did not have.

Additionally, the timing of this step is critical. The best day to adjust a sample employee's tools is on a Tuesday. That way the employee has the whole week to try out tools and have the benefit of easy access to the Security Officer if adjustments are needed. It is not recommended that you perform this step on a Monday, Friday, or any day before a holiday.

Limit yourself to two or three sample employees at a time to ensure the most successful Employee Security Audit. This step requires time and attention and should not be rushed.

Reviewing the Sample Employee's Tools

Now evaluate the tools currently assigned to the sample employee. You are building the tools that are assigned to all employees having the same template.

- â • ★ Session 0 CU*BASE GOLD File Edit Tools Help **Employee Security Maintenance** Employee IDs Jump to ID Search for name containing Show only job classification ତ୍ Job Class Teller Vault Start Date ID Name Team Comments MG 04 04 02 01 04 04 04 04 04 00 04 00 04 00 02 02 02 04 04 LEFT CU ON 08/30/13 IT RM EFT CU ON 06/30/14 LEFT CU ON 05/30/12 resigned 06/15/2018 Sep 01, 2017 Nov 09, 2017 Jun 26, 2018 Aug 22, 2018 Oct 23, 2018 Sep 09, 2019 eparated 2/28/2018 IT IT Empl Profile Copy View Profile $\uparrow \downarrow$ e/l oc Assign Tools to this Emp Acct Security Special Secur set PW All Tool Assignm Add Employee CU Options Temporarily locked IDs, including templates, will show as highlighted in yellow Data Center Employees View Maintena Show Templates 🡔 After making changes to an employee's Job Classification or Tool Assignments, instruct the employee to log off and back View Archived IDs on again. This will ensure that the employee's home page display will correctly reflect the underlying security settings. Profile Analysis ← → ↑ II 🖶 🔗 i ? @
- You begin to remove tools and assign new tools at this point in the Employee Security Audit.

Assigning Tools on the Employee Security Dashboard

From the Employee Security dashboard, select the sample employee profile and Assign Tools to this *Empl.*

The Dashboard shows a listing of the tools in alphabetical order and whether each tool is assigned to the sample employee.

Program Description # Tools Abnormal Activity Monitoring Config 1 Account Balance Analysis Report 1 Account Retention by Age Group 1	View Only	Compare to Emp ID Compare to Job Class	
Abnormal Activity Monitoring Config 1 Account Balance Analysis Report 1		Compare to Job Class TELLER	# Employees This Employ
Account Retention by Year Opened 1 Accounts Payable Dashboard 1 Accounts Payable Denshboard 1 Accure Interest for 360 Partic. Loans 1 Accrue Dividend Summary Rpt - CDs 1 Acct Negative Balance Linit Calculator 1 ACH Fed Transmission Summary Ing (ACHSM) 1 ACH Heber Inquiry 1 ACH Posting Controls Config 1 Add-on Additional Funds to Student Loan 1 Add-on Additional Funds to Student Loan 1 Age Distribution Analysis Report 1 ARES 1 Age Distribution Analysis Report 1 ARES 1 Addecore Theles 1	¥.	None None None None None None None None	9 None 45 None 13 None 13 None 7 None 14 None 27 None 19 None 19 None 289 Full Access 7 None 289 Full Access 7 None 280 None 12 None 26 None 44 None 44 None

Click Show Assigned.

The dashboard sorts to show the tools assigned to the sample employee. Some tools will have full access granted; others view-only access.

stom p. am
Employee
Employee
Access
Only
Access
Access
Access
Access Access
Access

Dashboard Sorted to Show Tools Assigned to Sample Employee

Review the tools assigned to the sample employee. If the employee has a tool assigned to them that in your evaluation you decide they do not need, select the tool and then *Remove Assignment*.

Change Engloyee ID Password 1 Full Access 364 Full Access Change Printer OUTO Assignment 1 Hone 467 Full Access Change User Name/Login Password 1 Full Access 356 Full Access Deck Disbursements Inquiry 1 Full Access 356 Full Access Deck Disbursements Inquiry 1 Full Access 356 Full Access Close Member Accounts 1 Hone 215 Full Access Close Member Accounts 1 Full Access 293 Full Access Close Member Accounts 1 Full Access 293 Full Access Close Member Accounts 1 Full Access 293 Full Access Close Member Accounts 1 Full Access 293 Full Access Close Member Accounts 1 Full Access 294 Full Access Close Member Accounts 1 Full Access 294 Full Access Close Member Positing 1 Full Access 294 Full Access Close Member Positing 1 Full Access 297 Full Access Close Member Positing 1 Full Access 297 Full Access Close Member Positing 1 Full Access 297 Full Access	Change Engloyee ID Password 1 Full Access 364 Full Access 567			ools
Enter General Member Comments/Messages I Full Access 295[Full 1 Cess GL Journal History Inquiry I None 291[Full 1 Cess	Assign to Employee About i his 1001 Show Assigned Employees Remove Assignment	GL Journal History Inquiry 1	Hone Full Access Full Access Hone Full Access Full Access Full Access Full Access Hone Full Access Hone Full Access Hone	354 Full Access 467 Full Access 356 Full Access 355 Full Access 215 Full Access 249 Full Access 466 Full Access 255 Full Access 255 Full Access 255 Full Access 255 Full Access 255 Full Access
Isage Analysis		After making changes to a	in employee's Job Classification of Tool Assignmen	is, insulct the employee to log on and back

What Does This Tool Do?

When you evaluate the tools assigned to the sample employee, you may come across tools with which you are not familiar. To see a quick summary of the tool, select the tool from the list and About this Tool.

Accessing "About	This To	ool" c	on the Employee Se	ecurity Dashbo	ard
✤ Session 0 CU*BASE GOLD - ABC CREDIT UNION File Edit Tools Help					
Assign Tools to Employe	es			All Av	ailable Tools
Employee AL ANNIE Search for Categories Select	Exact	# empl t Desc Types	cription Tool # Select	A highlighted row indicate	s a custom program
Program Description	# Tools	View Only	None Selected	# Employees	This Employee
Hispellaneous Loan Haintenance Update Overlaft Protection Work With Non-Henber Database TCM Inquiry and Control Print GL Trial Balance (nonthu) Update Account Nicknanes Change User Nane/Login Password Henber Parsonal Banker Update Auto Transfer Information Print Loan Coupons Print Loan Forms ACH Member Inquiry Update Auto Transfer Information Look Up an Enail Address Print Member Envelopes Loan App Statistics Inquiry Update IN Balance Information Print Member Envelopes Loan App Statistics Inquiry Update Text Balance Information Print Member Envelopes Loan App Statistics Inquiry Update IR Balance Information Print Member Envelopes Loan App Statistics Inquiry Update IR Balance Information Print Member Envelopes Loan App Statistics Inquiry Print Member Envelopes Print Member Method Method Method Method Print Member Method Method Method Print Member Method Method Method Method Print Method Method Method Method Method Print Kender Envelopes Print Method Method Method Method Method Method Method Method Method Method Method Print Method Method Method Method Method Method Method Method Method Method Network Method Method Method Method Method Method Method Network Method M	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	¥ ssigned En	ployees Remove Assignment	296 269 224 122 287 355 289 302 296 200 200 200 200 200 200 200 200 200 20	Full Access Full Access
Show Assigned			s Job Classification or Tool Assignme ployee's home page display will corre		·
←→↑∥₿∦≀?@					(6166) 1/13/21

A window will appear giving you a brief description.

About This Tool Window

Title	Miscellaneous Loan Mainter	nance	Tool # 51	×
	CUT LOANMISC			
iscel Main pdate auto prk W part CM In var: rint and	mated transfers, club benef icipation loans, payment chang able rate loans. Additionallu	, change employee assignment (for orm credit card maintenance (card ma		yee B B B B B B B B B B B B B B B B B B
	ram ULNINFCL Miscella	aneous Loan Maintenance		6
pdate pok U Prog rint pan A Cate	_	ols & Monitoring, Lending/Loan Accour	it Tools	P.

Comparing Sample Employee Tools to the Template

Now it is the time to compare the sample employee tools to the tools of the template to which they are assigned.

Select Compare to Emp ID at the top of the screen.

Session 0 CU*BASE GOLD - ABC CREDIT UNION						â — e <mark>ex</mark>
Assign Tools to Employee	s				Ac	signed Tools
					7.5.	
Employee AY A W		# emplo		# tools 81		
Search for Categories Select	Exact		Select	Tool #	od row indicato	s a custom program
Categories Select		Types -			eu row muicate	s a custom program
			Compare to Emp	ID Compare to Job Class		
Program Description	# Tools	View Only	Compare	to Job Class TELLER	# Employees	This Employee
Update Account Information Update Account Nicknames	1		Full Access None			Full Access Full Access
Member IRA Balance Inquiru	1		Full Access			Full Access
Update ARU/Online Banking Access (UPIN)	i		Full Access			Full Access
Update ARU/Online Banking Transfer Ctrl	1		Full Access			Full Access
Update Auto Transfer Information	1		None			Full Access
Member Personal Banker Teller Drawer Control/Inquiry	1		Full Access Full Access			Full Access Full Access
Teller Line Posting	1		Full Access			Full Access
Teller/Vault Cash Transfer Ing.	i		Full Access			Full Access
Teller/Vault Cash Transfers & Inquiry	1		Full Access		257	Full Access
Look Up an Email Address	1		Full Access			Full Access
ACH Member Inquiry	1		Full Access			Full Access
Direct/Mail Member Posting Member Starter/Replacement Checks	1		Full Access			Full Access
Print Member Transaction History	1		Full Access			Full Access Full Access
Stop Paument on Member Check/Draft	1		Full Access			Full Access
Print Misc Member Account Forms	î		Full Access			Full Access
Print Miscellaneous Checks	1		None		296	Full Access
	Show As	signed Em	ployees 🔳 Remov	e Assignment		↑ ↓
Remove All Usage Analysis						
Show Upassigned				or Tool Assignments, instruct th		
Print on again. This will	ensure tha	at the emp	loyee's home page	display will correctly reflect th	e underlying se	curity settings.
<>>↑						(6166) 2/26/21

Selecting to Compare to the Template

A list of your employee profiles will appear. Search for the template assigned to the employee and select it from the list.

Employed Search fo	or	IE	Exact	# employees	478	# tools 803 Tool #	
Catego Learn- ARU Lo TCM In Print Update Print Create Create Create Create Create Create Create Create Config Teller ACH Me	Jump to descr Jump to descr Search for des Code TA TU TU TL UU T6 J6 J6 I7 T2 T2 T3	Station with scription containing TELLER ASSISTANT TELLER TEMPLATE TELLER/INSR TEMPLATE TELLER/INSR TEMPLATE THE COUSE THE THE	Description TER TEMPLATE			already selected original selection	Only One Selection Allowed ember that if any items are 4 and you wish to keep those ns, you must hold Ctrl before t additional items!
Teller Teller Print Update Print Assig Remove A Usage Ana Show Assi Print	ll Ilysis	-	hanges to an er			-	, instruct the employee to log off and

The dashboard changes to show the template tools in the middle column. Sort the dashboard by that column so you to compare these tools with sample employee tools (in the final column). Based on that comparison assign additional tools. Be sure to scroll down to the bottom of the list using the down arrow.

C C	omparing to remplate loc	215
Session 0 CU*BASE GOLD - ABC CREDIT UNION File Edit Tools Help		
Assign Tools to Employe	es	All Available Tools
Employee AN ANGLE Search for Categories Select	# employees 478 # tools 80 Exact Description Types rest Compare to Emp ID Compa	D3 A highlighted row indicates a custom program
Program Description	# Tools Only Compare to Other ID TL T	TELLER T # Employees This Employee
Member Connect Marketing Tools Learn-From-Peer: Tiered Svcs Peer Mnalus ARU Loan App Request Inquiry (AUDILA) TCM Inquiry and Control Print GL Trial Balance (nonthly) Update Account Nicknames Print Laser Member Notices Create Tracker Notes/Leads from File Configure Meno Type Codes for Trackers Ptilter/Vault Cash Transfers % Inquiry Print Member Trackers Masign to Employee About T	1 None 1 Full Access 2 Y 1 Full Access 1 None 1 None 1 None 1 None 1 Full Access 1 Full Access	40 Full Access 270 Full Access 64 Full Access 224 Full Access 122 Full Access 127 Full Access 44 Full Access 186 Full Access 186 Full Access 197 Full Access 294 Full Access 294 Full Access 294 Full Access 295 Full Access 295 Full Access 295 Full Access 295 Full Access 295 Full Access 295 Full Access
Show Assigned on again. This will	jes to an employee's Job Classification or Tool Assign ensure that the employee's home page display will c	
^{Print} ←→↑ II		(6166) 1/13/21

Comparina to Template Tools

Comparing Sample Employee Tools to Job Class Tools

Now it is time to compare the employee tools to the tools assigned to the appropriate job class. Click Compare to Job Class at the top of the screen.

Session 0 CU*BASE GOLD - ABC CREDIT UNION			
le Edit Tools Help			
Assign Tools to Employe	es		All Available Tools
Employee AN ANGIE Search for Categories Select	Exact	# emple Desc Types	cription Tool #
			Compare till p ID Compare to Job Class
Program Description	# Tools	View Only	Compare to Other ID TL TELLER T # Employees This Employee
Member Connect Marketing Tools Learn-From-Peer: Tiered Svcs Peer Analys ARU Loan App Request Inquiry (AUDILA)	1		None 40 Full Access Full Access 270 Full Access None 64 Full Access



Search for the job class that best matches the role of the employee.

Search for Exact Description Tool # Catego Session 0 CU*BASE GOLD - Tool Category Code Selection Jump to description starting with L Jump to code starting with Abnorn Accoun Ac Search for description containing Description New tools added in most recent release Member Account Adjustnent Tools ACH Processing Tools Active Beta Development AIRES Processing Tools and Inquiries ALM Processing Tools and Inquiries Accounts Payable Tools Analysis Actor Sepones Tools Analysis Audio Response Tools Analyses Audio Response Tools Analyses Audio Response Tools Analyses Audio Response Tools Analyses Bothime (Batch) ATM/Debit Card Tools Bill Pay and P2P Tools Bonus/Patronage Dividend Posting Tools WARNING! Remember that if any items are already selected and you wish to keep those original selections, you must hold Ctrl before clicking to select additional items! $\uparrow \downarrow$ ↑↓ Unselect All Assig Select All

Search for Appropriate Job Class

The dashboard changes to show the job class tools in the middle column. Sort the dashboard by that column so you can compare these tools with sample employee tools (in the final column). Based on that comparison, assign additional tools. Again, be sure to scroll down to the bottom of the list using the down arrow.

Session 0 CU*BASE GOLD - ABC CREDIT UNION	comp						
Assign Tools to Employe	es					All A	vailable Tools
Employee AN ANGIE Search for Categories Select	Exact	# employees Description Types celect		# tools	803 A hi	ghlighted row indica ^{~1} ass	es a custom program
Program Description	# Tools	View Opt	Compare to	Job Class	TELLER Tel	* Employees	
Member Connect Marketing Tools Learn-From-Peer: Tired Svcs Peer Analys ARU Loan App Request Inquiry (AUDILA) TOH Inquiry and Control Print GL Trial Balance (nonthly) Update Account Micknames Print Laser Member Notices Create Tracker Notes/Leads from File Create Tracker Notes/Leads from File Create/Post GL Journal Entries Teller Pruber Control/Inquiry ACH Member Inquiry Teller/Vault Cash Transfer Inq. Teller/Vault Cash Transfers & Inquiry Print Member Trackers Print Member Trackers Print Member Transaction History • Assign to Employe • About This Tool • Remove All	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	None None None None None Full Full Full Full Full Full Full	Access Ac	e Assignme	ent		0 Full Access 4 Full Access 4 Full Access 2 Full Access 9 Full Access 9 Full Access 9 Full Access 9 Full Access 7 Full Access 7 Full Access 9 Full Access 9 Full Access 3 Full Access 9 Full Access
how Assigned	-				-	struct the employee t flect the underlying s	-
←→↑∥₿₿⁄i?@							(6166) 1/13/2

Compare to Job Class Tools

Who Has the Tool?

Next evaluate whether to grant a tool to the Sample Employee based on who already has the tool. To view how many people have the tool, review the # *Employees* column.

₩ Session 0 CU*BASE GOLD - ABC CREDIT UNION File Edit Tools Help				
Assign Tools to Employee	es			Assigned Tools
Employee AK AARON Search for Categories Select	Exact	# emple Desc Types	Select A highligh	ted row indicates a custom program
Program Description	# Tools	View Only	Compare to Emp ID Compare to Job Class	# Employees The Employee
ACH Member Inquiry AIM/Debit Cards & Activity Inquiry Batch AIM/Debit Cards Inquiry (PLASIIC) Branch Vautt Control Calc # of Days Between Two Dates Calculate Member Checking Check Digit Change Employee ID Password Change Printer OUID Assignment Change User Name/Login Password Check Disbursements Inquiry Clear Closed Member Accounts Colse Memberships/Accounts Colse Memberships/Accounts Colse Memberships/Accounts Colse Member Ships/Accounts Disburse Member Posting Disburse Member Los Funds Disburse Member Connents/Messages GL Journal History Inquiry Assign to Employee About This Tool	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	¥ signed Em	Full Access Full Access Full Access None Full Access Full Access	299 Full Access 280 Full Access 240 Full Access 469 Full Access 469 Full Access 467 Full Access 364 Full Access 365 Full Access 215 Full Access 209 Full Access 266 Full Access 267 Full Access 267 Full Access 265 Full Access 299 Full Access 291 Full Access 291 Full Access 291 Full Access
Show Unassigned	·		Job Classification or Tool Assignments, instruct t loyee's home page display will correctly reflect t	., .

Evaluating How Many People are Assigned Tool

Select the tool and Show Assigned Employees to view the specific employees who are already assigned the tool.

Session 0 CU*BA File Edit Tools	SE GOLD - ABC CREDIT Help	UNION				
Assign	Tools to I	Employees				All Available Tools
Employee Al Search for Categories	L ANNIE	Ex	Types Select	Тос		A highlighted row indicates a custom program
Misc	0 CU*BASE GOLD - Em ellaneous Loan M	ployees Assigned to Tool faintenance				yee
Update Update Uork V AB Drint AN Update Update AN Update Print BD Print BD Print BD Print BD Print BD Update BU Update Print AB Update Print AB O AB AB AB AB AB AB AB AB AB AB AB AB AB	ANDRE ANNIE ANNIE ANNIE ANNIE ANNY ABY ABY BBRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE BRANE	Name	Job Class MSR TELLER TELLER	Теат ТL TL TL TL TL TL TL TL TL	Veller V V V V V V V V V V V V V V V V V V	3159)
Remove All Usage Analysis Show Assigned Print ← → ↑					-	ents, instruct the employee to log off and back ectly reflect the underlying security settings. 5165) 1/1 3/21

View Employees Assigned Tool

Evaluating Special Security

During the Employee Security Review, the special security settings for the sample employee are evaluated. Special security controls access to certain CU*BASE features when these features are accessed from within another CU*BASE feature, such as opening and closing accounts, un-posting journal entries, and more. This also includes access to account maintenance level authority used by lending and collections staff, as well as staff who monitor dormant accounts.

Accessing Specie	al Security	fror	n th	e Employee Security L	Dashb	oard
* Session 0 CU*BASE GOLD						â — o e
File Edit Tools Help					_	
Employee Security Mai	ntenance				E	Employee IDs
Jump to ID Search for name	e containing			Show only job classification		Q
ID Name	Job Class	Team	Teller	Comments	Vault	Start Date
AA AB AE AE AI AI AK AK AN AN AP AQ AR AR AF AT AU BErnpl Profile Copy	- Del/Archive/			LEFT CU ON 06/30/13 LEFT CU ON 06/30/14 LEFT CU ON 05/30/12 resigned 06/15/2018 separated 2/28/2018	04 04	Sep 01, 2017 Nov 09, 2017 Jun 26, 2018 Aug 22, 2018 Oct 23, 2018 Sep 09, 2019
View Maintenance Show Templates View Archived IDs	ocked IDs, including	oyee's	ates, wil Job Clas	Reset PW I show as highlighted in yellow. isilication or Tool Assignments, instruct the ome page display will correctly reflect the		
$\begin{array}{c c} & & \\ \hline \\ \hline$		b.	.,			(6184) 11/20/20

To review the sample employee's special security, select their employee profile on the Employee Security dashboard and then Special Security.

The special security settings screen will appear showing which apply to the employee.

	Special Security Listing
Session 0 CU*BASE GOLD - Update Employee Special Se	curity
Employee ID AB ANDREW	
☑Open accounts	☑ Time cards
Close accounts	✓ Open loans
File maintenance	Unpost J/E
Teller override	Phone Operator
Maintenance tier 2	Require wrap-up codes
✓ Loan underwriting	✓ View credit reports
Loan interviewer/processor	✓ Instant card issue
Use App check	
 	(6182)

Special security settings include:

Open accounts

- Close accounts
- File maintenance
- Maintenance tier 2
- Loan underwriting
- Loan interviewer/processor
- Timecards
- Open loans
- Unpost J/E
- Phone Inquiry
- View C/R
- Instant card issue

Each special security is well documented in the CU*BASE Online help.

AuditLink has recommended you think about the following when assigning special security:

- "File Maintenance" authority allows the employee to change member demographic information.
- "Maintenance tier 2" allows the employee to change data that they system needs to process data, such as the interest rate or due date. Where appropriate, remove Maintenance tier 2 from the sample employee's profiles, which in turn removes their ability to adjust next-payment-due dates and other critical processing parameters.
- A user can proceed to the "Open Memberships/Accounts" feature while working in teller posting.
- The Teller Override feature can be performed from a tool or a shortcut, but it can also be performed with a button accessed within the teller posting screens.
- Closing accounts, un-posting journal entries, can be accessed from within other features.

Run a Beta Period and Review Evaluating a sample employee's experience

The sample employees try out their tools and security for a beta period, for example a week. During that time, encourage them to try to complete almost all their job responsibilities to ensure they have not lost any vital permissions and tools.

First, ask the sample employee to check their Favorite Tools list to ensure that they have been granted access to all these tools. This can be done by the employee selecting My Favorites on the Home Page. If a tool is greyed out, permission to this tool has been removed.

After the sample period, schedule a meeting with your Employee Security Audit team and the employee to review their experience. Discuss the following during this meeting:

- Was the employee unable to do a task assigned to them due to a tool or permission being removed?
- Are certain activities not done during this time of year? Were they evaluated?
- Does the employee have special tasks assigned to her that should not be included in the sample employee toolset and security?

Copy the Sample Employee to the Template

Building a template from a sample employee

Now that the sample employee's tools and security is set, copy them to the template assigned to that employee. Then the template will have the same tools and special security as the sample employee.

First, from the Employee Security dashboard, select the sample employee profile and Copy.

券 Session 0 CU*BASE GOLD - A	BC CREDIT UNION						👌 👝 💿 💌
File Edit Tools Help							
Employee Se	Search for name		2		Show only job classification		All IDs
Jump to iD IL	Search for name	containing			Snow only job classification		Q
	ame	Job Class	Team	Teller	Comments	Vault	Start Date
AA AB AB AB AC AB AC AB AD AB AC AB AD AB AD AB AD AB AD AB AF AB AF AB AI AB AJ AB AJ AB AJ AB AN AB AP AB AQ AB AS AS		MSR TELLER TELLER TELLER		Y Y Y Y Y Y Y Y Y	12/15/2014 06/02/2015 06/02/2016 09/03/2013 06/19/17 05/29/2018 06/19/17 05/29/2018 06/21/2012 07/21/2019 06052010 07/01/2013 10/07/2019/renoved 4/8/20	01 01	Jun 13, 2017 Mar 21, 2019 Dec 04, 2018 Jun 13, 2017 May 22, 2018 Jul 22, 2018 Jun 05, 2018 Sep 13, 2019
	Сору	Del/Archive			View Profile		↑ ↓
Acct Security	Special Security	Assign Too	ls to this	Empl	Reset PW		
All Tool Assignments							
Add Employee							
CU Options	T	ale d IDa la dudi					
Data Center Employees	1 Iemporarily id	cked IDs, includii	ng tempi	ates, wii	l show as highlighted in yellow.		
View Maintenance							
Show Employees	After making c	hanges to an em	ployee's	Job Clas	sification or Tool Assignments, instruct the e	employee t	o log off and back
View Archived IDs		will ensure that f	the empl	oyee's h	ome page display will correctly reflect the u	Inderlying f	security settings.
Profile Analysis				-			
<>>↑ = ₀	🔗 (ì) ? @						(6184) 2/24/21

Copying Tools and Security to the Template

The following screen will appear.

Copy Employee Security Screen	
Session 0 CU*BASE GOLD - Copy Employee Security	
From employee ID A1 SMITH To employee ID Select To CU-defined team code	
☐ Copy special security settings ☐ Copy tool assignments Copy method	
← → ↑ Ⅱ 🖶 & i ? @	(6181)

Perform the following actions:

- Select the appropriate template from the To employee ID look up.
- Check Copy special security settings.
- Check Copy tool assignments.
- Do not change Replace all existing assignments/settings with copied ones (the default).

Copying Tools and Special Security to the Template

Session 0 CU*BASE GOLD - Copy Employee Security
From employee ID AB ANDREW
To employee ID Select 1 selected
To CU-defined team code
☑ Copy special security settings
Copy tool assignments
Copy method
O Merge in new assignments/settings only, leave existing as is
C
$\leftrightarrow \rightarrow \uparrow \parallel \blacksquare \mathscr{F} i ? @$

Use Enter. A confirmation window will appear.

Confirmation of the Copy



Click Add/Update to complete the update.

Copy the Sample Employee to the Team Code

Flooding a team code to match a sample employee

Next copy the tools and security of the sample employee to the team code. When this step is completed, other employees with that team code will have the same tools and security of the sample employee.

For example, if your sample employee is a Seasoned Teller, all your Seasoned Tellers will have the same toolset and special security.

From the Employee Security dashboard, select the sample employee profile and Copy.



Copying Tools and Security to the Team Code

The following screen will appear.

Copy Employee Security Screen	
Session 0 CU*BASE GOLD - Copy Employee Security	
From employee ID A1 SMITH To employee ID Select To CU-defined team code	
☐ Copy special security settings ☐ Copy tool assignments Copy method	
← → ↑ Ⅱ 𝔅 𝔅 i ? @	(6181)

Perform the following actions:

- Enter the team code in the To CU-defined team code field.
- Check Copy special security settings.
- Check Copy tool assignments.
- Do not change Replace all existing assignments/settings with copied ones (the default).

Copying Tools and Special Security to the Team Code

Session 0 CU*BASE GOLD - Copy Employee Security
From employee ID AB ANDREW
To employee ID Select
To CU-defined team code TL
Copy special security settings
Copy tool assignments
Copy method ● Replace all existing assignments/settings with copied ones ○ Merge in new assignments/settings only, leave existing as is

Use Enter. A confirmation window will appear.

Confirmation of the Copy



Click Add/Update to complete the process.

Create Merged Templates Building templates for employees with multiple roles

Merged templates are created for employees who perform more than one role. In this situation the tools and security of the second template are merged into the first template so they do not override the existing tools and security.

The first template is copied the same way as the sample employee. To merge the second template, use the Copy feature to access the same screen used to copy tools and security. This time select **Merge to new assignments/settings only, leave existing as is**.

1.0

		Merging loois and security	
Session 0 CU*BASE GOLD - Copy	Employee	Security	
From employee ID	XY	MSR_MSO TEMPLATE	
To employee ID	Select		
To CU-defined team code	TM		
Copy special security se	ttings		
Copy tool assignments			
		g assignments/settings with copied ones gnments/settings only, leave existing as is	
← → ↑	9 (i	? @	81)

For example, some of your Seasoned Tellers may also perform the job functions of your Member Service Representatives. To create the merged template, first copy the Seasoned Teller tools and security into your new teller/member service template. Then merge the Member Service template's tool and special security into that template in the manner shown above. Then, the member service tools and security are *added* to the template but do not override the original teller tools and security.

Audit Specialized Employees Auditing employees without a team code

The next step is to evaluate the tools and special security granted to employees without a team code (who were not assigned a template). Many that remain are employees at a higher level in your organization. Additionally, this includes employees that perform tasks outside of their general job role, for example a member service representative that also handles accounting tasks.

Review all tools and security assigned to these employees.

- On a case-by-case basis, review all additional tools and special security against each person's responsibilities at the credit union.
- Evaluate each employee for segregation of duties. If that cannot be achieved, specialized audit functions should be put in place.

Evaluate the employee's tools when they are present in the room.

Following are some helpful tips for assigning tools to higher level employees:

- Assign higher level employees more view-only and analysis tools, and fewer maintenance tools (or no maintenance tools at all).
- For higher levels of authority, generally "do" capabilities are taken away and "view" options are assigned.
- Use job categories to determine tools not yet assigned. Use the following job categories when evaluating tools: Dashboards, Analytics, and Know Your Member.

Review Tools Not Assigned Assessing remaining tools for assignment

At this point in the Employee Security Audit, review the tools that are not assigned to any employee to determine if you need to assign them.

Follow this procedure to find the tools not assigned:

A FU V 01 01 B HSR TL V 12/15/2014 01 CC I I V 06/02/2015 01 TL V 06/02/2015 01 01 TL V 06/02/2015 01 01 TL V 06/02/2015 01 01 TL V 06/02/2013 01 01 TL V 06/02/2013 01 01 TL V 06/02/2013 01 1 TL V 06/02/2013 01 1 V CO-OP PT TELLER 01 1 V CO-OP PT TELLER 01 1 V 06/19/17 01 1 1 V 06/02/2018 01 1 1 V 06/02/2018 01 1 1 V 06/02/2019 01 1 1 V 06/02/2013 01 1 1 V 06/02/2018 01 1 1 V 06/02/2013 01 1 3 R TL V 06/02/2013 01	
B TL Y 12/15/2014 01 + 00 III IIII V 06/02/2015 01 + 01 TL V 06/02/2015 01 + 01 01 TL V 06/02/2016 01 + 01 01 TL V 06/02/2016 01 + 01 + 01 TL V 06/02/2016 01 + 01 <t< th=""><th></th></t<>	
C 1 C 1 C 1 C 1 C 1 C 1 C 1 D 1 F C 1 F C 1 C 1 C 1 D 1 F TL V 06/02/2015 01 F D 1 TL V 06/02/2016 01 F D 1 TL V 06/02/2016 01 F D 1 TL V 06/02/2013 01 F D 1 TELLER V 06/19/17 01 H D 1 TELLER V 06/19/17 01 1 D 1 T V 06/19/17 01	MSR TL Y 12/15/2014 01 +
E TL V 06/02/2015 01 + G TL V 06/02/2015 01 + G TL V 06/02/2016 01 + H TL V 06/03/2013 01 + J TL V 06/03/2013 01 + J TELLER V 06/19/17 01 + J TELLER V 06/19/17 01 + H TELLER V 06/19/17 01 + NO TL V 07	01
F TL V 06/02/2016 01 + H TL V 06/02/2016 01 + H TL V 06/03/2013 01 + H TL V 06/19/17 01 + J TELLER V 06/19/17 01 + J TELLER V 06/19/17 01 + M TELLER V 06/19/17 01 + N TELLER V 06/27/2018 01 + N TELLER V 06/27/2012 01 + N TELLER V 06/27/2012 01 + N TL V 06/27/2013 01 + Q TL V 06/27/2012 01 + Q TL V 06/27/2012 01 + S TL V 06/27/2012 01 + S TL V 06/27/2012 01 + S TL V 06/27/2013 01 + S TL V 06/27/2012 01 + S TL V 06/27/2012 01 + S TL V 06/27/2012 01 + S Del/Archive/Lock Vivey Profi	
H T V 09/03/2013 01 + J TELLER V 06/19/17 01 + Jun 1 J TELLER V 06/19/17 01 + Hore N TELLER V 06/19/17 01 + Jun 1 N TELLER V 06/19/17 01 + Jun 2 N TELLER V 06/19/17 01 + Jun 1 N TELLER V 06/29/2018 01 + Hau N TELLER V 06/21/2012 01 + N T V 06/21/2013 01 + N V 06/21/2013 01 + Jul 2 N V 06/21/2013 01 + Jul 2 N V 06/2018 01 + Jul 2 S T V 06/02/10/2013 01 + S Del/Archive/Lock View Profile + Sep 1 Empl Profile Copy Assign Tools to this Empl Reset PW Tool Assignments Hemployee - - -	TL Y 06/02/2016 01 +
T TELLER V 06/19/17 01 4 Jun I TELLER V 06/19/17 01 4 Jun V CO-OP PT TELLER 01 + Mar 2 01 + Dec V 06/21/717 01 + Jun 1 + Dec N TELLER V 06/21/212 01 + Mar 2 N TELLER V 06/21/212 01 + Mar 2 V 06/21/212 01 + May 2 01 + May 2 V 06/21/2112 01 + May 2 01 + May 2 V 06/21/2019 01 + Jun 1 Jun 6 V 06/221/2013 01 + Jun 6 R TL V 07/01/2013/removed 4/8/20 01 Sep 1 Empl Profile Copy Del/Archive/Lock View Profile Neset PW Tool Assignments 1 Employee Assign Tools to this Empl Reset PW	
V Øf / 19/17 Ø1 • Dec. N TELLER V 66/19/17 Ø1 • Dec. N TELLER V 66/19/17 Ø1 • Dec. N TELLER V 66/29/2018 Ø1 • Mag. P 0 V 66/21/2012 Ø1 • Mag. V 0 0/22/2019 Ø1 • Jut. V 0/07/2019/renoved 4/8/20 Ø1 • Jut. S TL V 0/07/2019/renoved 4/8/20 Ø1 • Sep 1 Empl Profile Copy Del/Archive/Lock View Profile Sep 1 Ecor Security Special Security Assign Tools to this Empl • Reset PW Tool Assignments 1 Temployee I Ference	TELLER Y 06/19/17 01 + Jun 13, 201
H TELLER Y 06/19/17 01 + Jun 1 0 TELLER Y 06/27/2018 01 + Hau 2 0 TL Y 06/27/2018 01 + Hau 2 0 TL Y 06/27/2019 01 + Jul 2 0 TL Y 06/27/2019 01 + Jul 2 0 TL Y 06052018 01 + Jul 2 0 TL Y 07/01/2013 01 + Jul 2 4xt 3xt 2xt 2xt 3xt 3xt 3xt 3xt 3xt 3xt 3xt 3xt 3xt 3	
0 TL Y 66/27/2012 01 + 0 V 6652016 01 + 0 TL Y 067/27/2019 01 + 0 TL Y 067/01/2013 01 + 0 TL Y 067/01/2013 01 + 0 TL Y 06652016 01 + 0 O/07/01/2013/removed 4/8/20 01 + Sep 1 Empl Profile Copy Del/Archive/Lock View Profile Special Security Assign Tools to this Empl Reset PW Tool Assignments 1 Femployee	TELLER Y 06/19/17 01 + Jun 13, 201
P V 07/22/2019 B1 + Juit 2 R TL V 06/05/2018 B1 + Juit 2 R TL V 06/07/2019/removed 4/8/20 B1 + Juit 2 Empl Profile Copy Del/Archive/Lock View Profile View Profile Special Security Assign Tools to this Empl Reset PW Tool Assignments 1 Employee Final Assign Tools to this Empl Reset PW Final Assign Tools to this Empl Reset PW	
R TL V 07/01/2013 01 + Empl Profile Copy Del/Archive/Lock View Profile 01 Sep 1 Empl Profile Copy Del/Archive/Lock View Profile Reset PW Tool Assignments 1 Employee I Imployee Imployee	Y 07/22/2019 01 + Jul 22, 201
Image: Solution of the second seco	
Accurity Special Security Assign Tools to this Empl Reset PW Tool Assignments I Employee	
Tool Assignments H Employee	Del/Archive/Lock View Profile
Tool Assignments d Employee	Assign Tools to this Empl Reset PW
d Employee	
Options	
a Center Employees 7 Temporarily locked IDs, including templates, will show as highlighted in yellow.	locked IDs, including templates, will show as highlighted in yellow.
w Maintenance	
bw Employees	
w Archived IDs	

Employee Security Dashboard

Click All Tool Assignments on the entry dashboard.

This will show you a list of available tools on the system.

For all employees Search for Example:		otion	Tool #	
Categories Select	Types S	elect	A highlighted	row indicates a custom pro
Program Description	# Tools	View Only	Categories	# Employees
Abnormal Activity Monitoring Config	# 10015	Uniy	Categories	# Employees
Account Balance Analysis Report			REPORTS, MARKETING, CASH	48
Account Retention by Age Group	î		KNOWMBR, ANALYSIS	16
Account Retention by Year Opened	1		KNOWMBR, ANALYSIS	16
Account Suffix Configuration	1		CONFIGS	9
Accounts Payable Dashboard	1		ANALYSIS, AP	3
Accounts Payable Vendor Inquiry Accrue Interest for 360 Partic. Loans	1	Ŷ	AP, REVIEW PART	16
Accrued Dividend Summary Rpt - CDs	1		REPORTS, GL, TAX	34
Acct Negative Balance Limit Calculator	1		CASH, MBRSRV	21
ACH Deposits Posted Early (ACHDTL)	i		CANNEDORY	6
ACH Fed Transmission Summary Ing (ACHSM)	i		ACH, CANNEDORY	40
ACH Member Inquiry	1		ACH, MBRINQ	295
ACH Posting Controls Config	1		ACH, CONFIGS	9
ADB Calculator (Savings & Loans)	1		ANALYSIS, BUDGETING	15
Add-on Additional Funds to Student Loan	1		STUDENTLNS	23
Adjust Teller Drawer/Audit Keys Age Distribution Analysis Report	1		ACCTADJ REPORTS, MARKETING, MBRINO	150
AIRES - Create Files	1		AIRES	12
Assign to Employee About This Tool Show Assign	ned Employees			↑ ↓
Usage Analysis	n employee's J	loh Classifi	ication or Tool Assignments, instruct the e	employee to log off and ba

Tool Assignments Available

Next select Show Assigned to prepare the screen to show the unassigned tools.

For all employees Search for Categories Select	# employe	otion	Tool # A highlighted	row indicates a custom prog
Program Description	# Tools	View Only	Categories	# Employees
Abnormal Activity Monitoring Config Account Balance Analysis Report Account Retention by Age Group Account Retention by Year Opened Account Suffix Configuration Accounts Payable Dashboard Accounts Payable Dashboard Accounts Payable Dashboard Accounts Payable Vendor Inquiry Accrued Dividend Summary Rpt - CDs Acct Hegative Balance Limit Calculator ACH Deposits Posted Early (ACHOTL) ACH Member Inquiry ACH Member Inquiry ACH Member Inquiry ACH Member Inquiry ACH Menber Inquiry ACH Contor (Savings & Loans) Add an Additional Funds to Student Loan Adjust Telter Draver/Audit Keys Age Distribution Analysis Report ALRES - Create Files		Ÿ	CONFICS REPORTS, MARKETING, CASH KNOWMBR, ANALYSIS CONFIGS ANALYSIS, AP AP, REVIEW PART REPORTS, GL, TAX CRASH, MERSRU CANNEDORY ACH, CONFIGS ANALYSIS, BUDGETING STUDENTLNS ACCTADJ REPORTS, MARKETING, MBRINQ AIRES	11 48 16 3 3 16 34 21 21 2 6 40 295 9 15 23 150 32 12
Show Upassigned	employee's J		cation or Tool Assignments, instruct the e e page display will correctly reflect the u	., .

Assigned Tools

This will show you the tools assigned to your employees. Finally, click Show Unassigned to view only tools that are unassigned.

Review the unassigned tools to ensure that you have not missed assigning a tool to an employee.

l	Inassi	gned	Tools	
* Session 0 CU*BASE GOLD - ABC CREDIT UNION File Edit Tools Help				â — e ex
Assign Tools to Employees				Unassigned Tools
For all employees Search for Exact Categories Select	# employe Descrip Types S	tion	Tool #	row indicates a custom program
Program Description	# Tools	View Only	Categories	# Employees
Archived Employee Security Inquiry AMV/bit/Crit: View Vendor Status Codes DC: Color-Theme Code Configuration DC: Edition Code Configuration DC: Job Classification Configuration DC: Tool Category Codes Configuration DC: Tool User Tupe Code Configuration DC: Tool User Tupe Configuration DC: Tool User Tupe Configuration View Annormal Activity Monitoring Config View Bither Day Marketing Message and Fees View Bither Day Marketing Message and Fees View Bither Day Marketing Message and Fees View Bither Vendor Configuration View Business Unit Configuration View DAY Vendor Product Config View DEX Download Configuration View Sales Tax Configuration	1 2 2 2 2 2 1 1 2 1 1 2 1 1 2 1 1	V V V V V V V V V V V V V V V	CONFIGS REVIEW CONFIGS, BILLPAY CONFIGS, BILLPAY CONFIGS, BILLPAY CONFIGS, BILLPAY REVIEW CONFIGS REVIEW	
Show Available	iployee's J		cation or Tool Assignments, instruct the a page display will correctly reflect the	., .

Create Reporting and Auditing Procedures

Reporting and auditing employee security

At the end of your Employee Security Audit, review the procedures you have in place for auditing employee security.

Documenting Tools Assigned During the Audit

At the end of your Employee Audit, use the security report to save a record of the tools assigned to each employee. As covered in the next section, this report is also used to perform a bi-annual review of tools assigned.

Do not print this report, as it may be over 1,000 pages. Instead print it to the DAILY OUTQ to be archived.

Find the employee security report by searching keyword: Security.

File Edit T	ools Help	- ABC CREDIT UNION			
CU*	BASE	E - All My Tools		0, 🌙	S 🗞 🛠 🛧 🛛 🗵
What w	vould you	Hike to do today2 Tool # Shortcut			All My Tools 🗸 🗸
arch	n for sec	eurity Ø 🗆 Exa	ict match □ Search long des	scription	Filters OFF V
Тос	ol #	Title	Shortcut	More	
Go!	14	Member Personal Banker	PB	(j) ☆	$\mathcal{H}(\mathcal{A})$
Go!	72	Update ARU/Online Banking Access (PIN)	PIN	① ☆	See What
Go!	327	CU*BASE Employee Security	SECURITY	① ☆	We're
Go!	357	Employee Security Audit Report		① ☆	Cooking Up in The
Go!	474	Loan Security Code Analysis Report		① ☆	Kitchen
Go!	785	Security Code Configuration		① ☆	过我的
Go!	951	View Employee Security Settings/Maint		① ☆	
Go!	1190	Employee Security Profile Analysis		① ☆	REPRESENTATION AND A CONNECTION AND A CO
	urity is ON	! for employee ID	Total # of tools: 8		(6142), 22522

Quick Search for the Employee Security Reports

Select Tool #327 Employee Security Audit Report.

Select the third report, the Employee security maintenance report.

Selecting the Employee Security Maintenance Report

Session 0 - Security Audit Reports		
Report Options	Response	
Security audit report	Employee security audit report Employee security audit report Assigned tools audit report Employee security maintenance report	⊘ Job queue Copies 1 Printer P1
← → ↑	0	(3663)

The selection screen will appear.

Selection	Criteria t	for the	Employee	Security	Maintenance	Report
-----------	------------	---------	----------	----------	-------------	--------

Session 0 - Employee Security Maintena	ince Report			
Report Options	Response			
Maintenance on Employee ID	Ξ.		Optional	
Maintenance date range	From	MMDDYYYY]	Optional	
	То	MMDDYYYY]		
)?@			4011)

In the Maintenance date range enter the date range of your Employee Security Audit. (Employee ID is optional, so you can leave this field blank.) Use Enter to print the report shown below.

			Repor	t Sample		
1/15/21 12:50:05	1/15/21 12:50:05 ABC CREDIT UNION					LSECMNT PAGE
RUN ON 1/15/21	RUN ON 1/15/21 SECURITY MAINTENANCE REPORT			USER		
		F	ILE DATE: 1.	/15/21		
EMPLOYEE ID:						
DATE RANGE: 1/15/2021 - 1/15/202	1					
EMPLOYEE ID - NAME /						
MAINTENANCE ID - NAME	DATE	TIME	FILE	ACCOUNT	FIELD	PREVIOUS/CHANGED DATA
AB - ANDREW BL	1/15/2021	12:49:12	TOOL		00106	Access Granted
; Y - ME						
AB - ANDREW BL	1/15/2021	12:49:19	TOOL		00112	Access Removed
; Y - ME						
AB - ANDREW BL	1/15/2021	12:49:31	TOOL		00106	Access Removed
; Y - ME						
AB - ANDREW BL	1/15/2021	12:49:40	TOOL		00051	Access Removed

This report documents the tool and security access changed during the date range provided.

Scheduling a Bi-Annual Audit of Employee Tools

Plan to perform a bi-annual review of tool assignments at your credit union. Use the report above and enter the six-month date range since your prior audit.

Compare the report to your tool assignment authorization forms. Again, it is recommended that you do not print the report, but rather archive it, where a PDF can also be created.

Reviewing Process to Assign New Tools

Take the time to develop a formal process for assigning new tools. Do employees send an email requesting the assignment of new tools? Consider using the AuditLink tool request form that includes a place to document the reason that the tool assignment is needed. Whatever method you choose, develop a process for documenting these requests to assist with your bi-annual review.

If access to a new tool is granted, have a process in place to keep your tool assignments easy to audit. If the tool assigned is for an individual working a special project, document this special access. If the tool assignment is permanent, add the new tool to the appropriate template, and copy that template to the team code assigned to the template so that everyone with the team code receives the new tool.

Evaluating New Tools with Releases

Review new tools with each release to see if they need to be assigned to your templates or individual employees. Use the **_NEWTOOLS** job category to research the new tools included in the recent release. If you add a new tool to a template, copy that template to the team code assigned to the template so that everyone with the team code receives the new tool. It is recommended that you use your form for assigning new tools to keep a record of each employee who receives the new tool.



Additionally, review the release summary for assistance understanding new tools.

Accessing the _NEWTOOLS Category

Updating Your Policy to Lock/Archive Employee Profiles

Create a formal process for auditing employees who are no longer in your employ. As mentioned earlier in this document, the IDs should remain on the system with access to the appropriate tool options for 18 months, to allow for both the credit union's external audit and state examine cycle to be completed. It is imperative you do not remove employee tools before you lock the employee profile to retain the assignment in case later forensic investigation is needed.

Archived employees are removed from day-to-day production. The system, however, still retains their tool assignments and the date of the end of employment in case you later find questionable activity.

AuditLink has created a toolkit for employee termination. You can request a free copy by using the CU*Answer Store link: <u>https://store.cuanswers.com/product/employee-termination-check</u>list/

Learn More About Employee Security Learn from a practitioner's point of view

Following is an additional resource for more information about employee security and performing an employee security audit.

Webinar on Employee Security

Join Jim Vilker, NCCO, CAMS, Vice President of AuditLink, for an informative and educational training about CU*BASE Employee Security. This hour-long webinar covers the topics in the booklet and additional information about using **Tool #327** *Employee Security*.

