



External Account Role Manager

MaintExtRoles.DnaApp.dnax
Extension Id: f1a12b9f-ae85-4219-b2ce-6a6a31794f0e

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Overview:

The Maintain Roles on External Accounts application gives a financial institution the ability to add and/or remove specific roles on external accounts.

Key Benefits:

The members/customers who have authorized non-owner roles on external accounts (such as credit cards) will get access to their accounts sooner in online banking. In the past, this required running a script to add and/or remove roles on external accounts. This update script had to be run prior to the account being added to the external channels.

Processing:

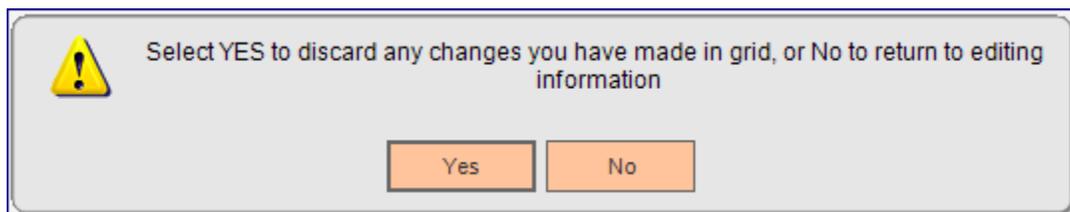
The Maintain Roles on External Accounts application is launched from the “More” menu in the Relationship Profile screen. The banner will display the current person or organization. The application will launch for the selected person or organization.

When the application is launched, external accounts that the person or organization has a role on are listed in the Externally Serviced Accounts grid.

The accounts listed can be filtered by the calculation variables included with the app. The 9ASI variable is used to filter the list of accounts to only include accounts with a specific status. The 9MIN variable is used to filter the list of accounts to only include specific minors.

The Existing Roles grid displays persons and/or organizations that currently have a role on the external account selected in the Externally Serviced Accounts grid.

The information in the Existing Roles grid will be updated when the user selects a different external account. If the user selects a different external account before processing any unsaved edits, the following message is displayed:



If the user clicks “Yes”, the changes are discarded and the selected row in the Externally Serviced Accounts grid is highlighted. The information in the Existing Roles grid will also be updated with the current roles for the external account selected. If the user clicks “No”, the user is returned to the screen and will be able to complete the updates.

Adding a New Role

To add a role to an external account, the user should complete the following steps:

1. Select the account to update in the Externally Serviced Accounts grid.
2. Click the Create button of the Existing Roles grid. The standard Search screen is displayed.
3. Search for the person and/or organization to be added as a role on the account. Multiple persons and/or organizations can be selected in the Search screen.

Note: If a financial institution does not want organizations to be selected when adding a role to an external account, a calculation variable (AOIS) can be set to 'N' to only allow searching for a person.

The person(s) or organization(s) selected will appear in the Link To box when the Search screen returns to the app.

Note: A calculation variable (9ARC) exists to indicate which roles are valid to be added and removed using this app. The list of roles will appear in the Available Roles list box when the Search screen returns to the app.

4. Select the role in the Available Roles list.
5. Click the Select button and add the role to the Selected Roles list box.
6. Click Continue, and the person(s)/organization(s) are added to the Existing Roles grid for the role selected.
7. Click the Process button to update the DNA[®] database with the new role(s). DNA database entries are added to the Activity tables to record the addition of the role.

Removing an Existing Role

To remove a role from an external account, the user should complete the following steps:

1. Select the account to update in the Externally Serviced Accounts grid.
2. Click the row in the Existing Roles grid for the person or organization and role being removed.
3. Click the Edit button on the Existing Roles grid. The person's or organization's name appears in the Link To text box. The role description appears in the Selected Roles list box.
4. Click on the role description in the Selected Roles list box.
5. Click the Remove button.
6. Click Continue, and the person or organization name and the specified role are removed from the Existing Roles grid.
7. Click the Process button to update the DNA database and remove the role from the external account. DNA database entries are added to the Activity tables to record the removal of the role.

Authorizations:

This application can be set up with view only or update permissions.

To grant a user update access to this application, the system administrator can either assign the “Maintain Roles on Ext Accounts” authorization group to the user or add the individual Authorization Items for this application to an existing authorization group to which the user has access privileges.

If the system administrator chooses to assign the individual Authorization Items to an existing authorization group, the following Authorization Items must be added to give the user proper access to the application:

- CAPR 7702
- CAPR 7704
- CAPR 7749
- CAPR 7783
- Maintain Roles on Ext Accounts

Once the Authorization Items have been selected for the authorization group, the system administrator should set up the appropriate permissions for the Authorization Items. For update access, select the following permissions for all Authorization Items:

- Employee Access
- Update

For view only access, select the following permissions for the CAPR Authorization Items:

- Employee Access
- Update

For view only access, select the following permissions for the Maintain Roles on Ext Accounts Authorization Item:

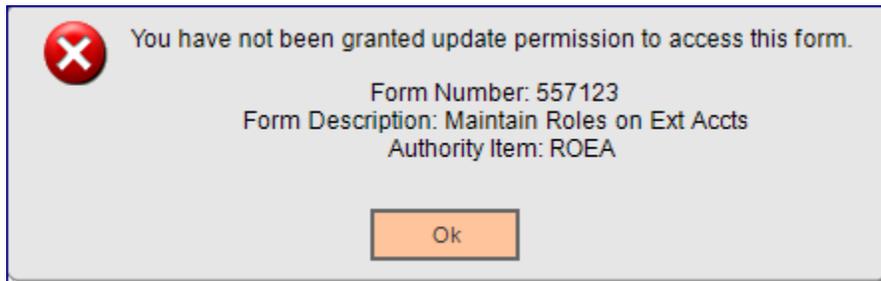
- View

The following authorization entries are included in the installation:

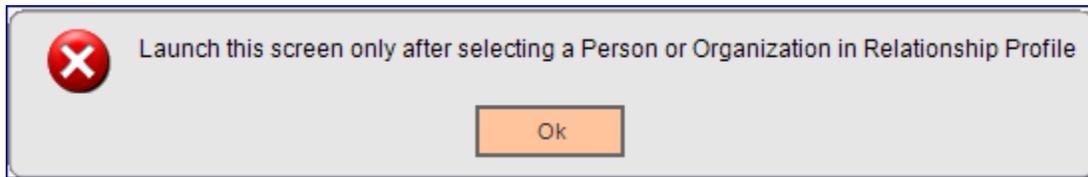
AUTHDESC	AUTHITEMCD	AUTHITEMDESC	PERMISSIONDESC
Account Detail Inquiry	7702	CAPR 7702	Employee Access
Account Detail Inquiry	7702	CAPR 7702	Update
Account List	7704	CAPR 7704	Employee Access
Account List	7704	CAPR 7704	Update

Account Role Maint	7749	CAPR 7749	Employee Access
Account Role Maint	7749	CAPR 7749	Update
Write Activity Rows	7783	CAPR 7783	Employee Access
Write Activity Rows	7783	CAPR 7783	Update
Maintain Roles on Ext Accounts	ROEA	Maintain Roles on Ext Accounts	Employee Access
Maintain Roles on Ext Accounts	ROEA	Maintain Roles on Ext Accounts	Update
Maintain Roles on Ext Accounts	ROEA	Maintain Roles on Ext Accounts	Add
Maintain Roles on Ext Accounts	ROEA	Maintain Roles on Ext Accounts	Delete
Maintain Roles on Ext Accounts	ROEA	Maintain Roles on Ext Accounts	View

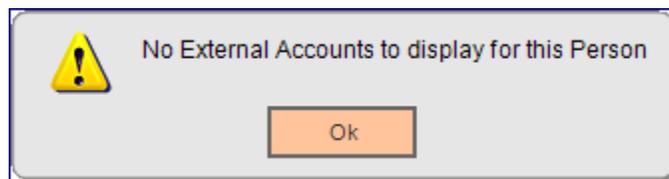
If a user has not been granted permission to use the application, this error message will be displayed, and the screen will close:



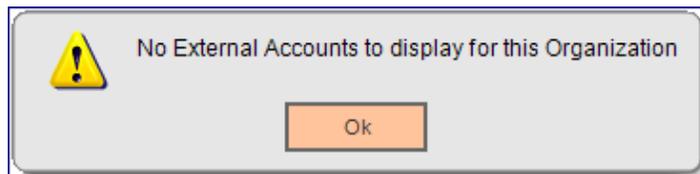
If a user navigates to the new screen 'Maintain Roles on External Accounts' without first selecting a person or organization in the Relationship Profile search screen, the following message will be displayed and the screen will close:



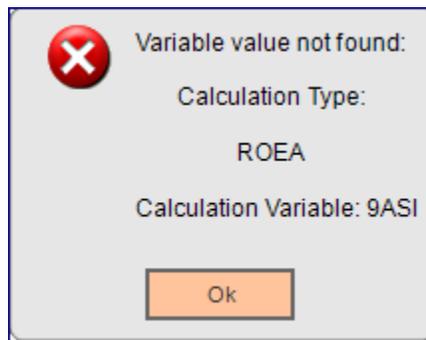
If a user navigates to the new screen 'Maintain Roles on External Accounts' for a person or organization that has no external account to be displayed, the following message will be displayed and the screen will close:



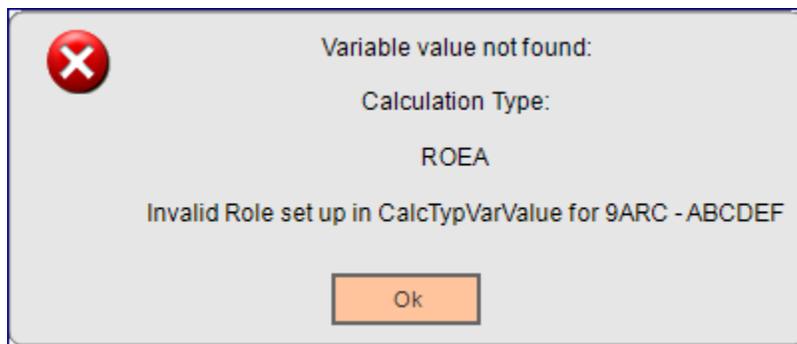
or



If a user navigates to the new screen 'Maintain Roles on External Accounts' and any of the following calculation variables have not been set up, a message similar to the following will display and the screen will close:



If the calculation variable '9ARC - Acct Roles to Consider' contains an invalid account role code, an error message is displayed and the application closes:



Variables:

Navigation

Services > System > Institution > Variables

Select the Calculation Type **Maint Roles on External Accts**

Calculation Type	Code	Description (how used)
Maint Roles on External Accts	ROEA	All variables are grouped under this Calculation Type

Calculation Category	Code	Description (how used)
External Entities	EENT	This calculation category is the category that the Maint Roles on External Accts (ROEA) Calculation Type is linked to.

Variable	Code	Description (how used)	Data Type	Default
Available Method Code	9AMC	Enter the available method code to use when calculating the Available Balance on the External accounts.	STR	CCAM
Acct Status to be included	9ASI	Enter the account status(es) to include in the Externally Serviced Accounts grid. If multiple account statuses are to be listed, enter a comma separated list of account status codes. Note: closed accounts will be excluded from this App, even if the CLS status is included in this calculation variable.	STR	ACT

Variable	Code	Description (how used)	Data Type	Default
Minor Account Type Code(s)	9MIN	Enter the minor account type code(s) to include in the Externally Serviced Accounts grid. If multiple minor account type codes are to be listed, enter a comma separated list of minor account type codes.	STR	VISC
Allow Orgs in Search	AOIS	This variable is used to indicate if the user can add a role for an organization using this App.	YN	N
Acct Roles to Consider	9ARC	Enter the role code(s) that are valid to maintain using this App. This list will determine which roles appear in the list of Available Roles to add and also the valid roles that can be removed using this App. If multiple role codes are to be listed, enter a comma separated list of account role codes.	STR	LOFF,OEMP,WWW
Include External Entities YN	9IEE	Allows configuration of the includeExtEntities property for account inquiry requests.	YN	Y

Screens:

Navigation

Maintain Roles on External Accounts:

Relationships > Quick Inquiries > Relationship Profile > More > Maintain Roles on External Accounts

Screen Appearance (example):

New Relationship Profile - EXT, S.

Maintain Roles on External Accounts

Externally Serviced Accounts

Account Number	External Account Number	Account Description	Balance	Credit Limit	Available Balance	Status
6074225	*****5367	Credit Card	(25.00)	3,300.00	(25.00)	Active
6074233	*****5383	Credit Card	22.24	10,000.00	22.24	Active
6074259	*****0201	Credit Card	1,650.01	3,600.00	1,650.01	Active
6074267	*****0219	Credit Card	1,011.44	3,600.00	1,011.44	Active
6074275	*****0227	Credit Card	414.74	773.00	414.74	Active

Existing Roles List

Person / Organization	Role	Effective Date
Scarlett EXT	Tax Reported For	05-23-2013
Scarlett EXT	Tax Reported Owner	05-23-2013
Scarlett EXT	Tax Reported Signator	05-23-2013
Aagwuty A. Dnafiwro	WWW Internet Access	01-03-2020
Aanshsqi Agrjzjsfg	WWW Internet Access	12-30-2019

Create Edit

Role Maintenance

Name:

Link To

Remove Search

Available Roles

Select > < Remove

Selected Roles

< >

Continue

Close Close Clear Process

Field Listing:

Field	Description
Externally Serviced Accounts Grid	
Account Number	Current number of the account assigned by DNA.
External Account Number	Account number of the external account.
Account Description	Minor-level or account-level description of this account.
Balance	Current account balance for the external account.
Credit Limit	Current credit limit for the external account.
Available Balance	Current available credit limit.
Status	Account status of the external account.
Existing Roles Grid	
Person/Organization	The name of the person or organization with a role on the external account.
Role	The name of the role assigned to the person or organization.
Effective Date	The date the role was assigned to the person or organization.
Role Maintenance	
Name	The tax owner of the external account.
Available Roles	The role(s) that can be assigned to an external account. The role(s) are specified in the 9ARC variable.
Selected Roles	The role(s) the user has selected to assign to an external account.
Buttons	
Create	Clicking this button will launch the Search screen, and the user is able to search and select the person(s) or organization(s) being added to the account.
Edit	The Edit button is enabled on roles in the Grid that are listed in the 9ARC variable. The 9ARC variable defines the roles that are valid for this application. The Edit button remains disabled for existing roles on the account that are not listed in the 9ARC variable. Clicking this button will allow the user to remove an existing role from an account.
Search	Clicking this button will launch the Search screen. This is done when the Link To field gets cleared out with the Remove button and the user wants to search for another person or organization.
Remove (Link To)	Clicking this button will remove any names listed in the Link To field. This is done if the wrong person or organization was selected from the Search screen. After clearing out the Link To field, the user can then click the Search button to search for another person or organization.
Select	Clicking this button will remove the highlighted role from the Available Roles list box and will add it to the Selected Roles list box. This is done during the process of adding a role to an external account.
Remove (Role Maintenance)	Clicking this button will remove the highlighted role from the Selected Roles list box and will add it to the Available Roles list box. This is done during the process of removing a role from an external account.

Field	Description
Continue	<p>When adding a role, clicking this button will add the person or organization name and role description to the Existing Roles grid.</p> <p>When removing a role, clicking this button will remove the person or organization name and role description from the Existing Roles grid.</p> <p>Note: the updates are not made to the DNA database until the Process button is clicked.</p>
Process	<p>Clicking this button commits the updates to the DNA database. Activity entries are also added to record the roles added and/or removed from the DNA database.</p> <p>This button is displayed for users who have been given update permission to the application.</p>
Cancel	<p>This button is displayed in the bottom left corner of the screen's Processing bar when edits have been made but have not been processed.</p> <p>Clicking this button will display a warning asking if you want to discard the changes or continue editing.</p>
Close	<p>Clicking this button in the bottom left corner of the screen's Processing bar will close the application.</p>

Activity is logged under the Activity Category 'Account Maintenance' and Activity Type 'Account' when roles are added and/or removed from external accounts using this screen.

Additional Requirements:

- DNA 4.2.3.1 or above
- DNA CoreAPI 1.6.1 or above
- .NET Framework 4.5.2 (minimum)
- RelationshipProfileMoreMenu.dnax must be downloaded from the DNAappstore and installed first before installing this application

Configuration Checklist:

Item	Test Environment	Production Environment
Install 'More' menu of Relationship Profile, if needed		
Authorizations		
Calculation Variables		

Installation:

Install the application "MaintExtRoles.DnaApp.dnax" through DNAapp Management Console (formerly known as DNA Configuration Toolkit). The instructions on how use the DNAapp Management Console should be delivered along with the DNAapp Management Console. Please contact Client Care if you need assistance using the DNAapp Management Console.

Client Side dll files for this application should be placed at each branch server in the following path:

X:\OSI\DNA_Client\DNAApps\9999\Bin

Where:

X = drive mapping for the branch server the DNA client is located on
9999 = the current DNA release

Revisions

Date	App Version #	Change
03/2020	1.2.1.1	The "External Account Number" column in the grid will display the masked data stored in MASK record of the External Account. If no such record exists, it will show the data from 3RDP record.
12/2019	1.2.1.0	Fixed UI issues found in internal testing. Unhandled Exception issue fixed if AUTH Item permissions are missing. Enhanced application by adding support for CCM Accounts.
10/2019	1.2.0.16	Added support for DNA Credit Card Management accounts. Clarified Edit field in document by adding "The Edit button remains disabled for existing roles on the account that are not listed in the 9ARC variable." Added Delete and Add permissions to installation.
01/2019	1.2.0.15	Added CalcVar to hold configuration of whether or not to set an account inquiry request attribute to include external entities.
05/2017	1.1.0.0	Corrected the logic that limited the roles displayed to non-employee roles. Also corrected an issue where the Edit button did not initially appear in the Existing Roles Grid. Move fetching of the posting date to the UI level and then pass it to the DAL.
08/2014	1.0.0.0	Application Created