

# Introduction

Objective:

To introduce our access control model implementation.

# Scope

We will be covering on the following areas:

- Super User
- Access Control Maintenance
- Login Account Management

# Super User

- Login Id is “root”
- Default password is “root”
- Remember to change this password after installation
- Super User id is a special id and cannot be removed. Neither do the access control applies to this id.

# Access Control Maintenance (ACM)

## Introduction

Access Control Maintenance



Role Based Access Control

Access Control Management is commonly referred as Role Based Access Control by most IT professional

Extract from Wikipedia

“In computer systems security, role-based access control (RBAC)[1][2] is an approach to restricting system access to authorized users. It is used by the majority of enterprises with more than 500 employees,[3] and can implement mandatory access control (MAC) or discretionary access control (DAC). RBAC is sometimes referred to as role-based security.”

References

[http://en.wikipedia.org/wiki/Role-based\\_access\\_control](http://en.wikipedia.org/wiki/Role-based_access_control)

# Access Control Maintenance (ACM)

## The Challenge

- When company grows to several hundred users, a dedicated resource is required to be hired to maintain the access control.
- The cost of maintenance increases when the number of users increases
- The time to address the change increases

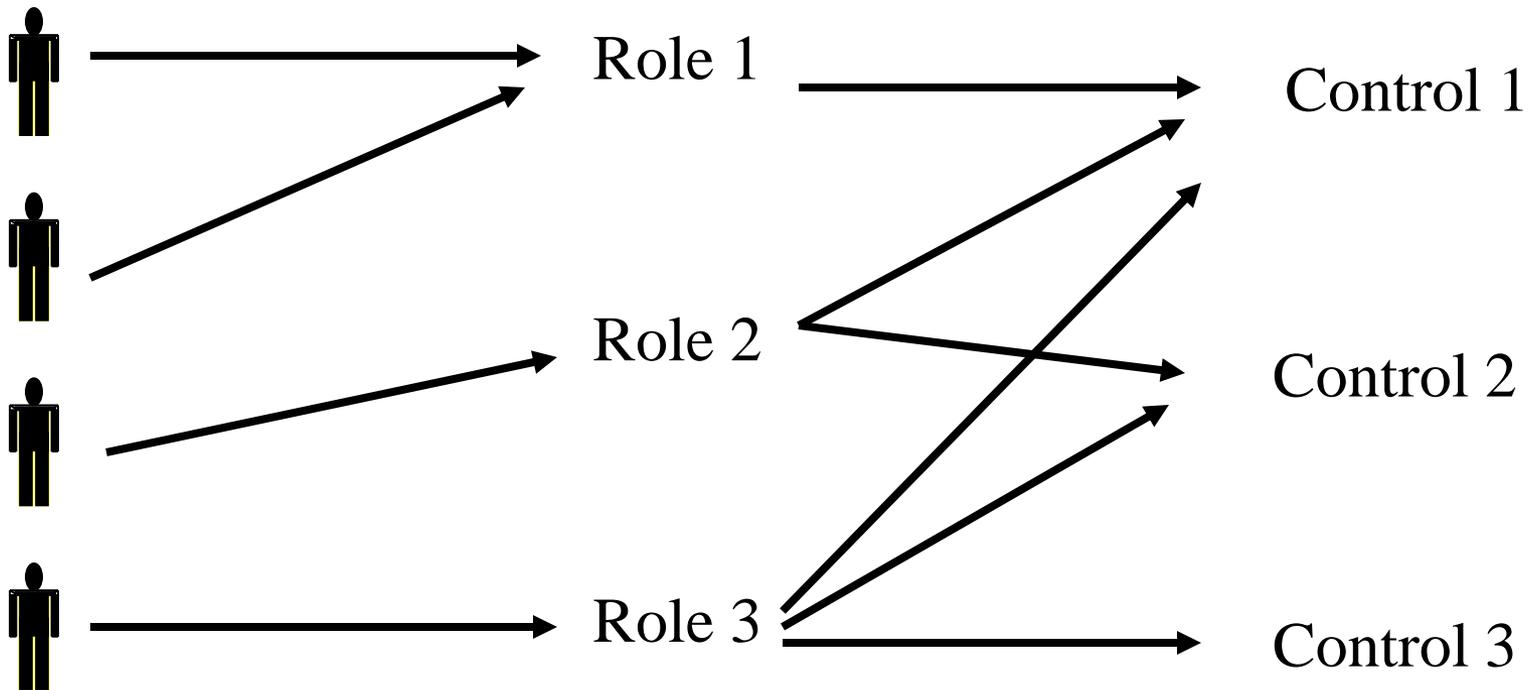
# Access Control Maintenance (ACM)

## Control Change Frequency

Individuals

Roles

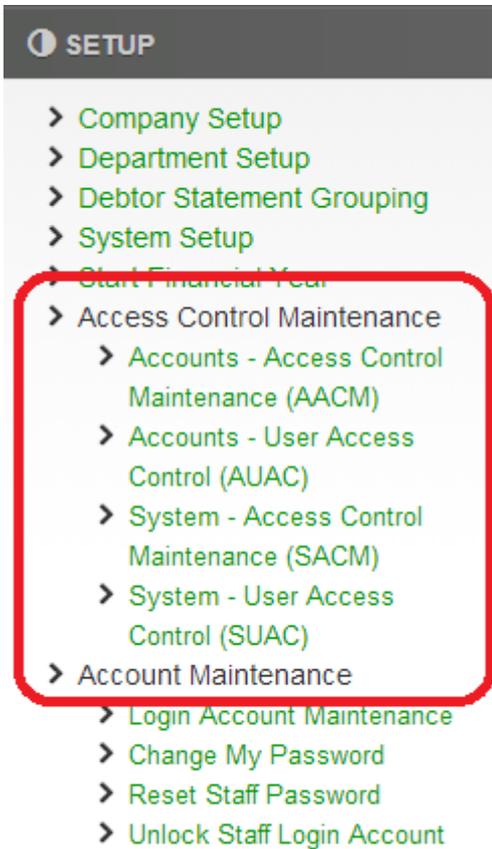
Controls



User's change frequently, Roles Don't

# Access Control Maintenance (ACM)

## Where To Start



There are two (2) types of ACM.

- Accounts
- System

To create roles, choose Access Control Maintenance

To assign roles to user, choose User Access Control

# Access Control Maintenance (ACM)

## How To Create Account Roles

**Accounts - Access Control Maintenance**

To change an existing role, rekey in again the role id and select the new controls and click on Submit. This action will update the existing role id with new control definition

**Description**

Role Id

Give a role identifier. A user can have multiple roles. This approach allows business to construct a flexible control for business needs

**Access Control Command**

Delete Control (**deluc**)  Update User Control (**upduc**)

**Transaction Controls**

Change Account No (**chgacc**)  Allow Edit Transaction (**edttx**)  Lock Batch (**lock**)

Unlock Batch (**unlock**)  Delete Batch (**delbi**)  Delete Batch Template (**delbatch**)

**Financial Year Controls**

Start Financial Year (**fysttr**)  Restart Financial Year (**fyrest**)  Run Year End Processing (**fyep**)

**Reporting Controls**

Balance Sheet Report (**rptbs**)  Profit and Loss Report (**rptpl**)  Cash Flow Report (**rptcf**)

**User Role Controls**

Account Role (**uracc**)  Debtor Role (**urdebit**)  Creditor Role (**urcredit**)

**Existing Role Identifier**

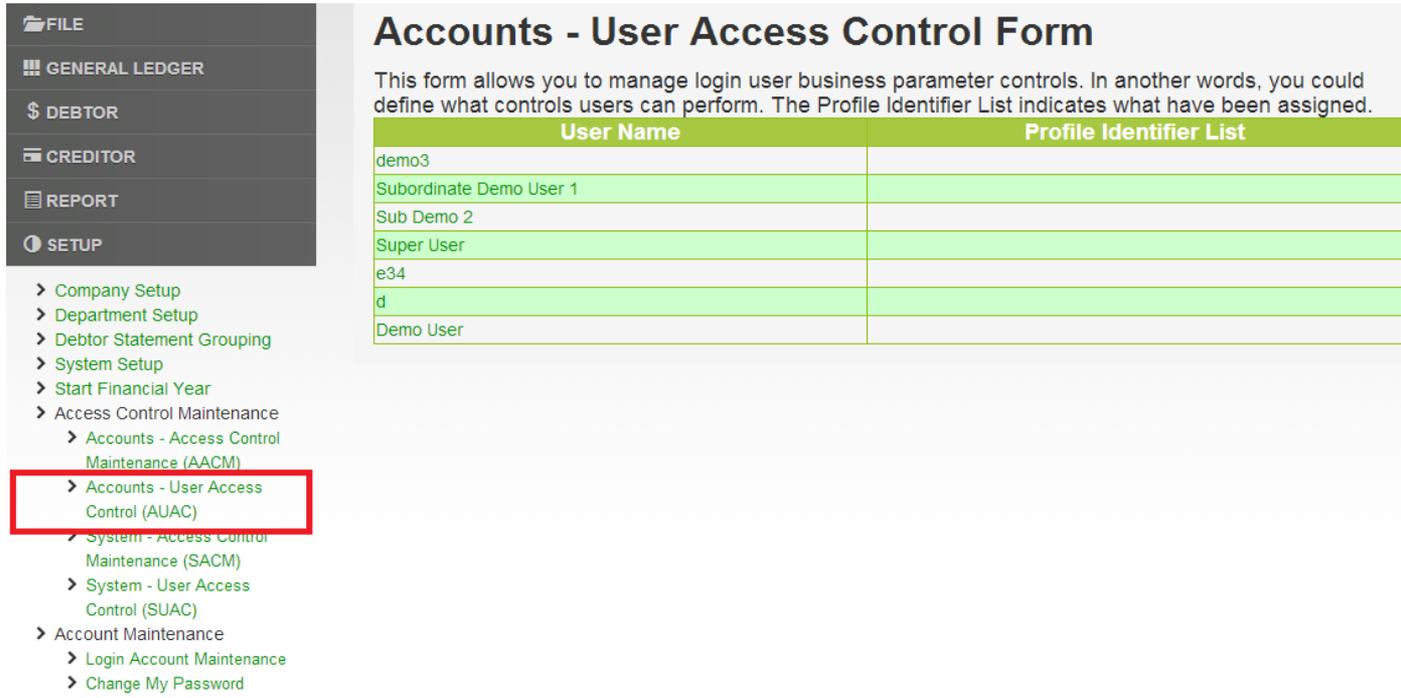
Identifier	Control Codes	
account	uracc	Delete
admin	deluc,upduc	Delete
creditor	urcredit	Delete
debtor	urdebit	Delete

Select Accounts – Access Control Maintenance (AACM) option.

A list of control is shown. Give the role an identifier. Check which role you want to assign. Then click Submit. You will create a new role. To see the roles created, scroll down the page.

# Access Control Maintenance (ACM)

## How To Assign Role To User 1 of 2



**Accounts - User Access Control Form**

This form allows you to manage login user business parameter controls. In another words, you could define what controls users can perform. The Profile Identifier List indicates what have been assigned.

User Name	Profile Identifier List
demo3	
Subordinate Demo User 1	
Sub Demo 2	
Super User	
e34	
d	
Demo User	

Select Accounts – User Access Control (AUAC) option.  
Select one of the user to assign new roles

# Access Control Maintenance (ACM)

## How To Assign Role To User 2 of 2

### Update Account User Access Control - Super User

The listing are the list of access control profiles identifier. Select the one that you would like to allow user to change

Update

- manager
- debtor
- admin
- account
- creditor

Select the role you want to assign and click Update

# Login Account Maintenance

- Empowering departmental manager to maintain their own user list
  - Create user
  - Reset password
  - Reactive login account
  - Deactivate login account

# How To Read Missing Control

When you tried to perform an action, the system will prompt you a message that looks like below

**“No permission to add user. USRADD”**

This indicates to perform the action, you need USRADD permission.

Check your role(s) to see whether this permission is given