

How To...Configure Integration of CUP with SPM

SAP GRC Regional Implementation Group

Applicable Releases:

SAP GRC Access Control 5.3

Topic Area:

GRC

Capability:

The Super User Privilege Management capability of GRC Access Control tool allows users to take responsibility of tasks outside their normal job function by assignment of Firefighter IDs to them. With integration between CUP and SPM, these Firefighter IDs can be provisioned by creating a request through CUP

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Typographic Conventions

Type Style	Description
<i>Example Text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
Example text	File and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	User entry texts. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons





Icon	Description
	Caution
	Note or Important
	Example
	Recommendation or Tip

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1. Business Scenario

The purpose of this document is to outline the steps involved in the integration of Compliant User Provisioning and Super User Privilege Management capabilities of GRC Access Controls 5.3.

With this integration, Firefighter Ids can now be assigned to a user by creating a request in CUP and we may have owners and coordinators approving this request.

If the integration between CUP and SPM is configured, then the administrator does not need to go into the Firefighter application to assign FFID to a user.

2. Background Information

With the solution proposed in this document, we can assign an FFID to a user through CUP but before that administrator needs to make sure that the required FFID exists in the backend system.

Also make sure that the appropriate owner and controller is maintained for that FFID in the Firefighter application.

The Initial System data should be uploaded into CUP to ensure that the Super User Access request is available in the request types.

3. Prerequisites

- GRC Access Control 5.3 should be installed and configured.
- FFID has been created in backend and assigned the default “/VIRSA/Z_VFAT_FIREFIGHTER” role.
- Owners and coordinators have been maintained in the respective tables of SPM application in backend system.

4. CONFIGURATION

- With AC 5.3, CUP can now be configured to create requests for Super User Privilege Management .
- Requests can be created for assignment of Firefighter IDs to Firefighters
- As part of auto provisioning in CUP, firefighter ID is assigned to the user with validity period.
- Audit trail and provisioning log is updated after provisioning
- Administrator has the ability to configure FFID owner and coordinator as part of workflow approvers.
- Ability to select an FFID and show the selected FFID in Approver Request details screen and Request review screen is also there.

4.1 Request Type

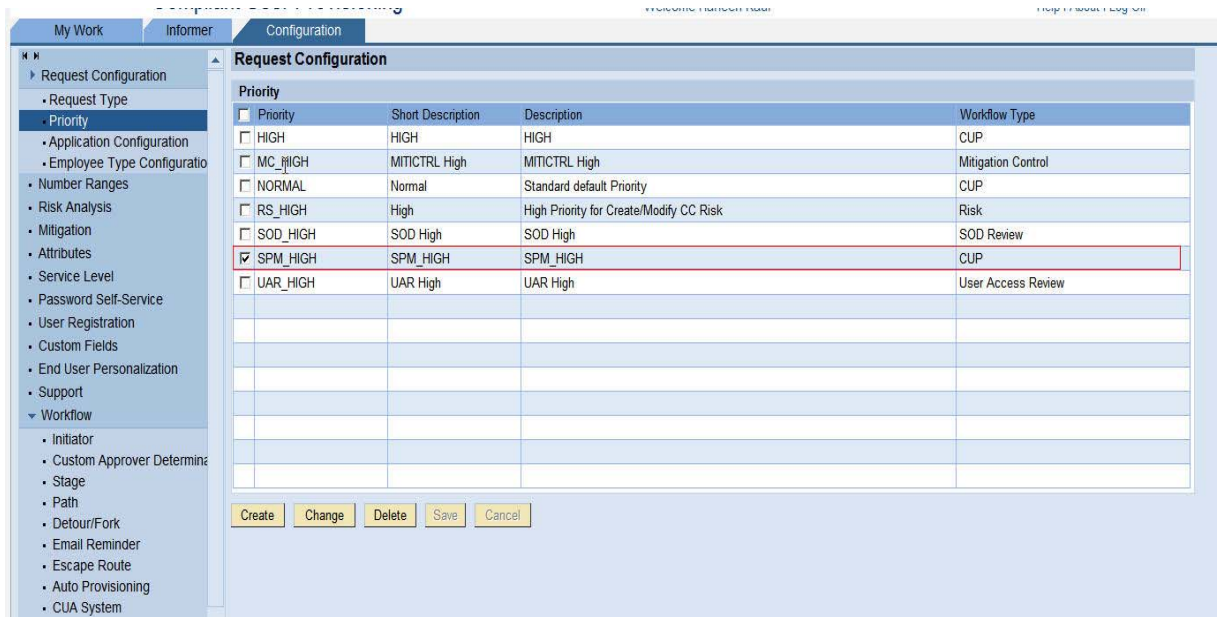
1. Once the post installation steps for CUP are done, Super User Access is available as a request type.
2. This can now be used to configure a workflow for SPM

The screenshot displays the SAP GRC Access Control Configuration interface. The main window is titled 'Request Configuration' and shows a table of request types. The 'SUPER_USER_ACCESS' row is highlighted with a red border. Below the table are buttons for 'Create', 'Change', and 'Delete'.

Request Type	Request Type	Request Type for Role Expert Role Content Approval			
<input type="checkbox"/> RE_ROLE_APPROVAL	RE Role Approval	Request Type for Role Expert Role Content Approval	0	CUP	✖
<input type="checkbox"/> RISKC	Create Risk	Create Risk	0	CUP	✖
<input type="checkbox"/> RISKD	Delete Risk	Delete Risk	0	CUP	✖
<input type="checkbox"/> RISKU	Update Risk	Update Risk	0	CUP	✖
<input type="checkbox"/> CHANGE	Change Account	Changes to an Existing Account	1	CUP	✖
<input type="checkbox"/> SPM	SPM	SPM	1	CUP	✖
<input type="checkbox"/> DELETE	Delete Account	Account Deletions	2	CUP	✖
<input type="checkbox"/> INFORMATION	Information	Information	3	CUP	✖
<input type="checkbox"/> LOCK	Lock Account	Locking Accounts	4	CUP	✖
<input type="checkbox"/> NEW	New Account	New Account	5	CUP	✖
<input type="checkbox"/> UNLOCK	Unlock Account	Unlocking Accounts	6	CUP	✖
<input type="checkbox"/> NEW_ACCT	New SAP Account	New SAP Account	7	CUP	✖
<input type="checkbox"/> SUPER_USER_ACCESS	Superuser Access	Superuser Access	7	CUP	✖
<input type="checkbox"/> TERMINATION	Termination Request	Termination Request	9	CUP	✖
<input type="checkbox"/> SOD_REVIEW	SOD Review	SOD Review	0	SOD Review	✖
<input type="checkbox"/> UAR_REVIEW	User Access Review	User Access Review	0	User Access Review	✖

4.2 Priority

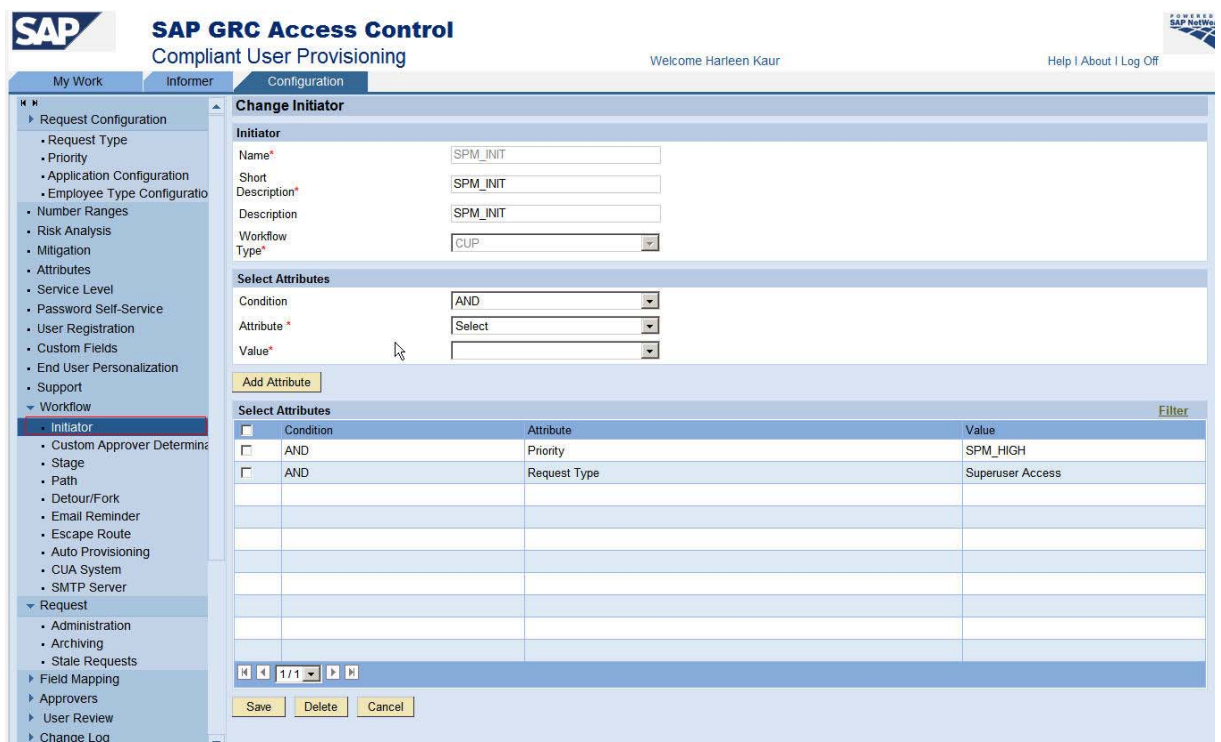
1. Create priority for Super User Access requests as per the following screenshot:



2. This is an optional step and is necessary only if you want to create initiator based on this priority.

4.3 WORKFLOW

1. Create Initiator with Attributes request type as Superuser Access and desired priority.
2. Initiator can be configured to have any attributes and this is just one of the examples.



3. Create a CAD for SPM with varied attributes, as an example request type and priority. Alternatively, you may also have Super User Access Owner or Super User Access Coordinator as the approvers for SPM requests.

The screenshot shows the 'Change Approver Determinator' configuration screen in SAP GRC. The left sidebar contains a navigation tree with categories like 'Request Configuration', 'Risk Analysis', 'Workflow', and 'Request'. The main area is titled 'Change Approver Determinator' and contains the following sections:

- Approver Determinator:** Name: SPM_CAD, Short Description: SPM-CAD, Description: SPM-CAD, CAD Type: Attribute, Workflow Type: CUP.
- Select Attributes:** A grid of checkboxes for various attributes. 'Priority' and 'Request Type' are checked.
- Select Role Attributes:** A grid of checkboxes for role-related attributes. None are checked.

Buttons for 'Save', 'Cancel', and 'Approvers' are located at the bottom of the main configuration area.

4. Create stage and path for SPM requests as per the following screenshots. You may have any number of stages with desired approvers and other configurations.
5. Associate the path with the initiator created for SPM requests.

The screenshot shows the 'Stage Configuration' screen in SAP GRC. The left sidebar is similar to the previous screenshot. The main area is titled 'Stage Configuration' and contains the following sections:

- Stage Details:** Name: SPM_STAGE1, Short Description: SPM_Stage1, Description: SPM_Stage1, Workflow Type: CUP, Approver Determinator: SPM_CAD, Request Wait Time (Days): 0, Request Wait Time (Hours): 0, Escalation Configuration: No Escalation.
- Notification Configuration:** A table of checkboxes for notification types and roles.

Notification Type	User	Requestor	Manager	Other Approvers
Approved	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Escalated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Request Rejected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Approval Message:** A rich text editor with a subject line 'You are the next approver for request id : # !_REQUESTNUMBER# _!' and a content area with the same text.

Buttons for 'Approved', 'Request Rejected', 'Escalation', and 'Next Approver' are located above the message editor.

Name*	Short Description*	Description	Workflow Type*	Number of Stages*	Initiator*	Active	Detour
PATH_SPM	PATH_SPM	PATH_SPM	CUP	1	SPM_INIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Path Definition for Path:

Stage No.	Stage	Approver Determinator
	Start	
Stage 1	SPM_STAGE1	SPM_CAD
	Finish	

Create Change Delete Save Cancel


4.4 Usage

1. End user can see the Super user Access request option on the Requestor landing page.
2. Once the user selects this option and creates a request, the usual request workflow is followed and provisioning of FF Id is done in the backend.

Request Access:

Welcome to the Request Access page

Help is available for each link; click the link located on the top of this page



- **Change Account:** You can request changes to existing account using this link. You can request additional access and other changes to an account such as account validity and so on
- **SPM: SPM**
- **Delete Account:** You can use this link to request deletion of accounts from various systems. You can also request mass deletion of accounts
- **Information:** Does not know which link to select from above? Click this link for information about what access you need
- **Lock Account:** You can use this link to request locking of accounts in various systems. You can also request mass locking of accounts
- **New Account:** Use this link to request new accounts and Roles/Responsibilities/Structural Profiles
- **Unlock Account:** You can use link to request unlocking of accounts. You can also request mass unlocking of accounts
- **Superuser Access:** You can use a link to request Superuser Access
- **Termination Request:** To request terminations, submit a request
- **Password Self-Service** Use this link to reset or request to change the password