

## Purpose

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Provide an outline of the implementation of the privatization of portal access and creation in R5.1. Explain the different states of access a portal can be defined to have and the management control features of the Search Portal Tool.

## User Registration

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User registration is controlled using the `$ssCONFIG[ 'new_user_registration_allow' ]` variable in the Search Portal configuration.php file. This controls the display of the registration form on the welcome screen of the search portal tool and the backend processing of any new registration attempts.

File: inc/configuration.php

Variable: `$ssCONFIG['new_user_registration_allow']`

Values: Boolean

TRUE – enables registration

FALSE – disables registration

## Portal Creation

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Portal creation is controlled using the `$ssCONFIG[ 'portal_creation_allow' ]` variable in the Search Portal configuration.php file. This controls the creation of portals by users. If set to FALSE(disabled) the Create a New Portal feature is limited to only application administrators. This is defined by the database table.field `ssUser.admin` which is an enumerated value of either Y or N. The value Y supplies application administrator rights to the user in question. By default users have the value N assigned.

File: inc/configuration.php

Variable: `$ssCONFIG['portal_creation_allow']`

Values: Boolean

TRUE – allows all users to create a portal

FALSE – allows only administrators the ability to create a portal

## Portal Collection Subscription Management

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If the user has access to view a portal the ability for that user to edit the collections the portal is subscribed to can be limited. The user can still edit other characteristics of a portal, such as look and feel, but the managing the collections the portal has access to is limited to the application administrator. This is controlled using the `$ssCONFIG[ 'portal_edit_collections_allow' ]` variable in the configuration.php file. One caveat is if the `$ssCONFIG[ 'new_user_registration_allow' ]` value is set to TRUE this needs to be set to TRUE as well.

File: inc/configuration.php

Variable: `$ssCONFIG['portal_edit_collections_allow']`

Values: Boolean

TRUE – allows the user the ability to manage/edit the collections a portal is subscribed to

FALSE – does not allow the user the ability to edit the collections subscribed to the portal

## Portal Creation Definitions

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When a user does have the rights to create a portal, new portals are created as private and the user creating the portal is marked so in the database. Private status is managed using the `ssPortals.public` enumerated value Y or N. By default this is set to F on creation. An application administrator must, using the *Database Management Tool*, change the status to Y if the portal is to be viewed outside of the Search portal Tool.

Database table.field: `ssPortals.public`

Values: Enumerated

Y – Portal can be accessed, implemented and viewing is not restricted

N – Portal viewing and use it restricted to users authenticated to the Search Portal Tool

Creation is stored in the `ssLinkUserPortals.creator` enumerated value, Y or N. If set to N the portal will appear in their *View a Portal* list when logged in, but they cannot change the characteristics of the portal. By default on creation the value is set to Y and assigned to the user creating the portal and the portal being created.

Database table.field: `ssLinkuserPortals.creator`

Values: Enumerated

Y – User can manage the characteristics of the portal

N – User cannot manage the characteristics of the portal, they can only view it

## Portal Approval

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The circumstance might present itself when a portal needs to be locked or disabled. This is managed by the `ssPortals.approved` enumerated value, Y or N. By default when a portal is created the approved value is set to Y. An application administrator can disable a portal at anytime through the *Database Management Tool* by setting this value to N.

Database table.field: `ssPortals.approved`

Values: Enumerated

Y – Portal is approved and can be accessed

N – Portal is not approved and cannot be accessed

## API Enforcement

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The two API methods used by the Search Portal Tool, *query* and *form*, check the validity of the key and the status of the portal at the beginning of each request. If the portal key is not valid or the portal has an approved status of N an error message is returned. If not, checking continues and if the portal is marked private and a separate piece of expected information is not supplied or is not valid an error message is returned.