

IBM Tivoli Netcool/OMNIbus 7.3.1

Re-create file-based tipadmin account after deletion



In this IBM Tivoli® Netcool/OMNIbus 7.3.1 training module, you learn how to re-create the file-based tipadmin account after it is deleted.

Objectives

After you have completed this training module, you can accomplish these tasks:

- Find an alternate iscadmin account
- Log in to the eWAS administrative console
- View and change the default federated repository
- Change the primary account on the file-based repository
- Re-create the tipadmin account

After you have completed this training module, you can accomplish these tasks to re-create the file-based tipadmin account:

- Find an alternate iscadmin account
- Log in to the eWAS administrative console
- View and change the default federated repository
- Change the primary account on the file-based repository
- Re-create the tipadmin account

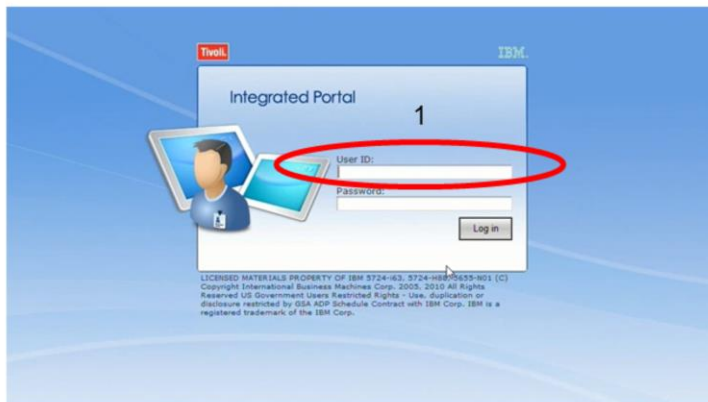
A tipadmin account

- The tipadmin account is the default Tivoli Integrated Portal administrative account
 - It is the default administrative account for the file-based repository
 - It is the primary ID for the user registry in the TIPRealm
 - It is used for **wasadm.sh** and **tipcli.sh** administrative commands
- Deleting the tipadmin affects these functions:
 - Creating user accounts
 - Exporting and importing
 - Migrating and upgrading
 - Installing fix packs
 - Cloning functions
 - Maintaining the Federated Repository

The tipadmin account is the default Tivoli Integrated Portal administrative user account. It is created in the file-based federated user repository and is the primary ID for the TIPRealm user registry. It is the documented account that is used for creating accounts, both export and import functions, migrations, upgrades, fix pack installations, cloning functions, and maintenance tasks for the federated repository. All of these functions stop working correctly after this account is deleted. If the tipadmin account is deleted, you follow the steps in this training module to re-create the account and restore application functions.

Log in to the IBM Tivoli Integrated Portal

Log in to IBM Tivoli Integrated Portal with an administrative user account



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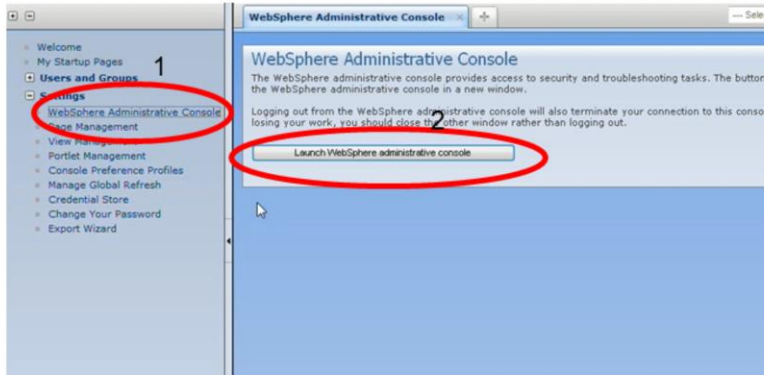
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Log in to IBM Tivoli Integrated Portal with an administrative user account. Check the current settings for the federated repository.

Open the WebSphere administrative console

Perform these actions:

- Expand the **Settings** folder and click **WebSphere Administrative Console**
- Click **Launch WebSphere administrative console** in the right pane



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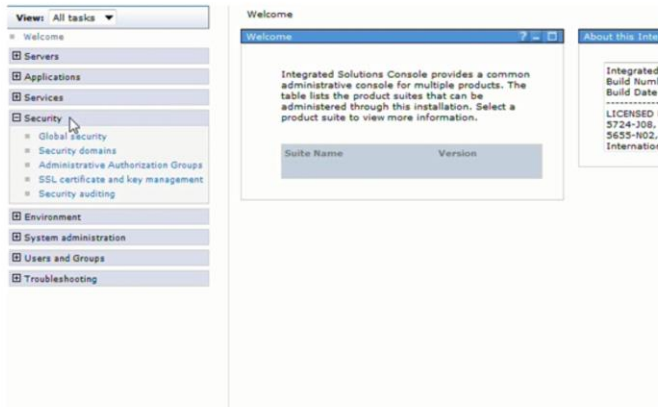
Re-create file-based tipadmin account after deletion

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After you log in, open the WebSphere® administrative console.

Open Global security

Expand the **Security** folder and click **Global security**



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In the WebSphere administrative console, expand the **Security** folder and click **Global Security**.

Configure the federated repository (1 of 16)

Click the **Configure** button

The screenshot shows the 'Global security' configuration page. On the left is a navigation menu with categories: Servers, Applications, Services, Security (selected), Environment, System administration, Users and Groups, and Troubleshooting. Under 'Security', 'Global security' is selected. The main content area is titled 'Global security' and includes a description: 'Use this panel to configure administration and the default application security policy. This security functions and is used as a default security policy for user applications. Security domains can be applications.' Below this are two tabs: 'Security Configuration Wizard' (active) and 'Security Configuration Report'. The 'Security Configuration Wizard' section contains several sub-sections: 'Administrative security' with a checked 'Enable administrative security' checkbox and links for 'Administrative user roles', 'Administrative group roles', and 'Administrative authentication'; 'Application security' with a checked 'Enable application security' checkbox; 'Java 2 security' with an unchecked 'Use Java 2 security to restrict application access to local resources' checkbox and sub-options for 'Warn if applications are granted custom permissions' (checked) and 'Restrict access to resource authentication data' (unchecked); and 'User account repository' with a 'Current realm definition' field containing 'Federated repositories' and an 'Available realm definitions' dropdown menu also showing 'Federated repositories'. A mouse cursor is hovering over the 'Configure...' button next to the dropdown. On the right side, there is an 'Authentication' section with radio buttons for 'LDAP', 'Kerberos', and 'SWAN (d)', and a 'Use real' checkbox which is checked. At the bottom right of the configuration area, there are links for 'Security.dom', 'External.auth', and 'Custom.prj'.

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Assuming that you are currently using the federated repository, the default option for the realm definition, click the **Configure** button to open the Federated Repository configuration menu.

Configure the federated repository (2 of 16)

Perform these actions:

- Scroll down the page to see the configured repository sources
- In this example, you can see both an ObjectServer and a file-based repository

The screenshot shows the 'Federated repositories' configuration page. At the top, there is a section for 'Server user identity' with options for 'Automatically generated server identity' and 'Server identity that is stored in the repository'. Below this is a table titled 'Repositories in the realm' with the following data:

Select	Base Entry	Repository Identifier	Repository Type
<input type="checkbox"/>	InternalRepository	InternalRepository	File
<input type="checkbox"/>	ExternalRepository	ExternalRepository	Custom

Below the table, there are sections for 'Additional Properties' and 'Related Items'. The 'Additional Properties' section includes links for 'InternalRepository', 'ExternalRepository', and 'SubscribedUsers'. The 'Related Items' section includes links for 'InternalRepository' and 'Tivoli Administration Tools - Internal'.

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The configured repository sources are listed in a table at the bottom of the page. Scroll down the page to view them. Only one of these two repositories can be defined as the default repository. The default repository is the repository that IBM Tivoli Integrated Portal uses when creating new user accounts through both the Manage Users and Manage Groups menus.

Configure the federated repository (3 of 16)

Perform these actions:

- Copy the text value for the file-based repository
- Click the **Supported entity types** link

Ignore case for authorization

Repositories in the realm:

Select	Base Entry	Repository Identifier	Repository Type
<input type="checkbox"/>	DefaultV1FileBasedRepository	InternalFileRepository	File
<input type="checkbox"/>	netcoolObjectServerRepository	NetcoolObjectServer	Custom

You can administer the following resources:

Additional Properties

- [Property extension repository](#)
- [Entry mapping repository](#)
- [Supported entity types](#)

Related Items

- [Manage repositories](#)
- [Trusted authentication realms - inbound](#)

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The first step is setting the default repository to be the file-based repository. Copy the base entry name from the file-based repository. Click the **Supported entity types** link.

Configure the federated repository (4 of 16)

Click the **Group** menu option

Cell=TIPCell, Profile=TIPProfile

Global security > Federated repositories > Supported entity types

Use this page to configure entity types that are supported by the member repositories.

Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=netcoolObjectServerRepository	cn
OrgContainer	o=netcoolObjectServerRepository	o;ou;dc;cn
PersonAccount	o=netcoolObjectServerRepository	uid
Total 3		

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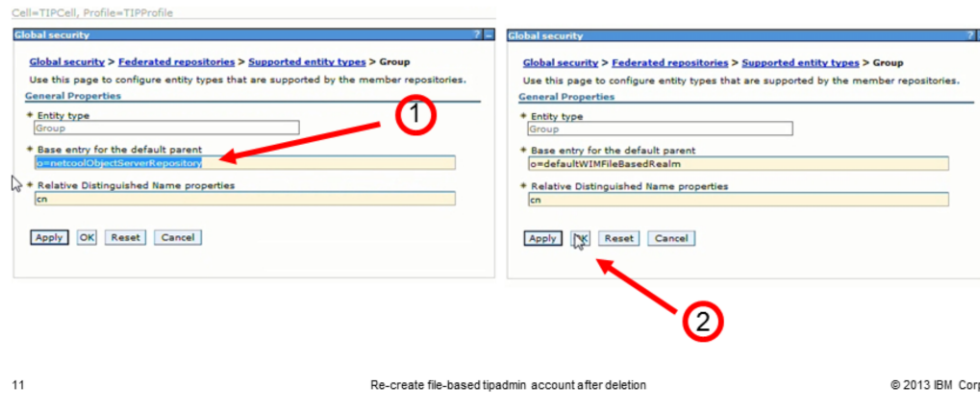
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In this example, the ObjectServer repository source is currently the default repository source. You change this setting to the file-based repository source, starting with the group entity type.

Configure the federated repository (5 of 16)

Perform these actions:

- Paste the copied file-based repository string into the **Base entry for the default parent** field
- Click the **OK** button



Paste the base entry name from the file-based repository into the **Base entry for the default parent** field. This is for the **Group** entity type.

Configure the federated repository (6 of 16)

Perform these actions:

- Click the **Save** link to confirm the change
- Click the **OrgContainer** link

Cell=TIPCell, Profile=TIPProfile

Global security

Messages

Changes have been made to your local configuration. You can:

- [Save](#) directly to the master configuration.
- [Cancel](#) changes before saving or discarding.

The server may need to be restarted for these changes to take effect.

Global security > Federated repositories > Supported entity types

Use this page to configure entity types that are supported by the member repositories.

Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=defaultWIMFileBasedRealm	cn
OrgContainer	o=netcoolObjectServerRepository	o=oid:cn
PersonAccount	o=netcoolObjectServerRepository	uid
Total 3		

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Re-create file-based tipadmin account after deletion

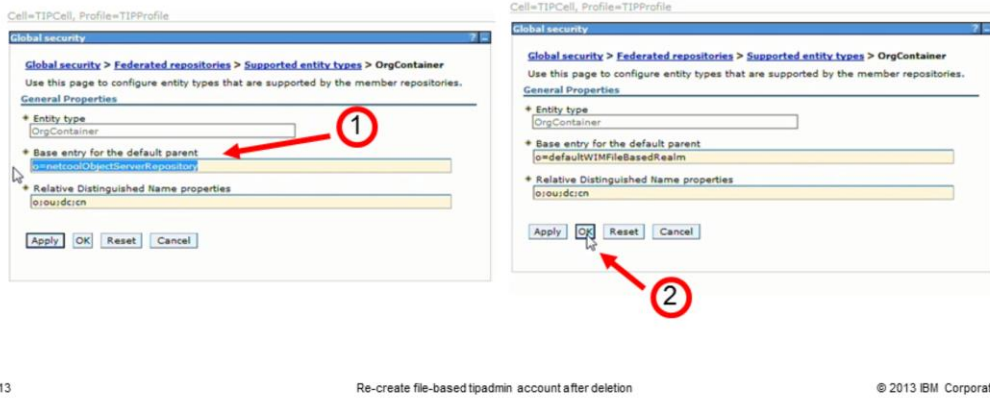
© 2013 IBM Corporation

You are prompted to save the change to the entity type. Make sure you click the **Save** link to confirm the change.

Configure the federated repository (7 of 16)

Perform these actions:

- Paste the copied file-based repository string into the **Base entry for the default parent** field
- Click the **OK** button



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Re-create file-based tipadmin account after deletion

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Paste the base entry name from the file-based repository into the **Base entry for the default parent** field. This is for the **Orgcontainer** entity type.

Configure the federated repository (8 of 16)

Perform these actions:

- Click the **Save** link to confirm the change
- Click the **PersonAccount** link

The screenshot shows the 'Global security' console interface. At the top, a 'Messages' box contains a warning: 'Changes have been made to your local configuration. You can: • Save directly to the master configuration. • Review changes before saving or discarding. The server may need to be restarted for these changes to take effect.' A red circle with the number '1' and an arrow points to this message box. Below the messages, the breadcrumb navigation is 'Global security > Federated repositories > Supported entity types'. The page title is 'Supported entity types' and the instruction is 'Use this page to configure entity types that are supported by the member repositories.' Under the 'Preferences' section, there is a table with three columns: 'Entity Type', 'Base Entry for the Default Parent', and 'Relative Distinguished Name Properties'. The table lists three entity types: 'Group', 'OrgContainer', and 'PersonAccount'. A red circle with the number '2' and an arrow points to the 'PersonAccount' row. The table also shows a 'Total 3' at the bottom.

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
Group	o=defaultWIMFileBasedRealm	cn
OrgContainer	o=defaultWIMFileBasedRealm	o:ou:dc:cn
PersonAccount	o=netcoolObjectServerRepository	uid
Total 3		

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Re-create file-based tipadmin account after deletion

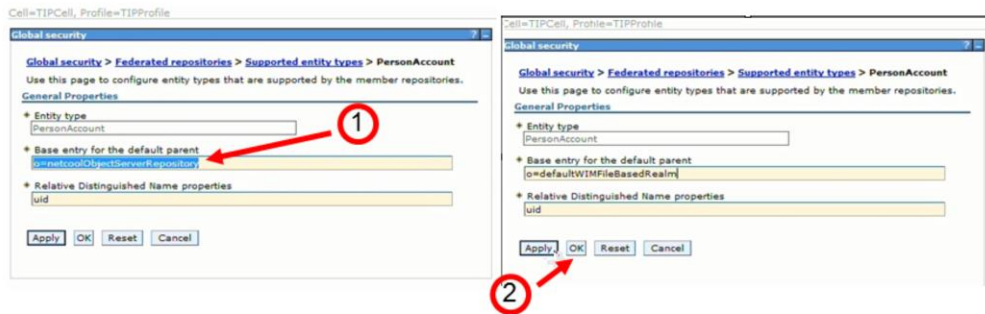
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You are prompted to save the change to the entity type. Make sure you click the **Save** link to confirm the change.

Configure the federated repository (9 of 16)

Perform these actions:

- Paste the copied file-based repository string into the **Base entry for the default parent** field
- Click the **OK** button



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Paste the base entry name from the file-based repository into the **Base entry for the default parent** field. This is for the **PersonAccount** entity type.

Configure the federated repository (10 of 16)

Perform these actions:

- Click the **Save** link
 - The change is confirmed
 - The file-based repository is configured as your default repository
- Click the **Federated repositories** link

Cell=TIPCell, Profile=TIPProfile

Global security

Messages

Changes have been made to your local configuration. You can:

- **Save** directly to the master configuration.
- **Review** changes before saving or discarding.
- The server may need to be restarted for these changes to take effect.

Global security > Federated repositories > Supported entity types

Use this page to configure entity types that are supported by the member repositories.

Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=defaultWIMFileBasedRealm	cn
OrgContainer	o=defaultWIMFileBasedRealm	o=ou:dc:cn
PersonAccount	o=defaultWIMFileBasedRealm	uid
Total 3		

Cell=TIPCell, Profile=TIPProfile

Global security > Federated repositories > Supported entity types

Use this page to configure entity types that are supported by the member repositories.

Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=defaultWIMFileBasedRealm	cn
OrgContainer	o=defaultWIMFileBasedRealm	o=ou:dc:cn
PersonAccount	o=defaultWIMFileBasedRealm	uid
Total 3		

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You are prompted to save the change to the entity type. Make sure you click the **Save** link to confirm the change. After saving the change, click the **Federated repositories** link.

Configure the federated repository (11 of 16)

Scroll down the page and click the **OK** button

Server identity that is stored in the repository

Server user ID or administrative user on a Version 5.0.x node

Password

Ignore case for authorization

Repositories in the realm:

Select	Base Entry	Repository Identifier	Repository Type
You can administer the following resources:			
<input type="checkbox"/>	o=defaultWIMFileBasedRealm	InternalFileRepository	File
<input type="checkbox"/>	a=netcoolObjectServerRepository	NetcoolObjectServer	Custom

Additional Properties

- Property extension repository
- Entry mapping repository
- Supported entity types

Related Items

- Manage repositories
- Trusted authentication realms - inbound

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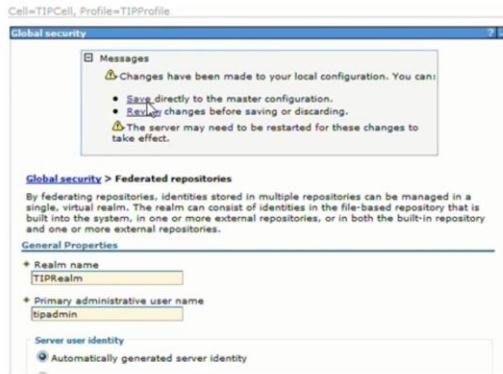
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To make sure that the changes to the entity type are saved correctly, go back through the navigation menus and apply the changes. Start this on the federated repository menu. Click the **OK** button.

Configure the federated repository (12 of 16)

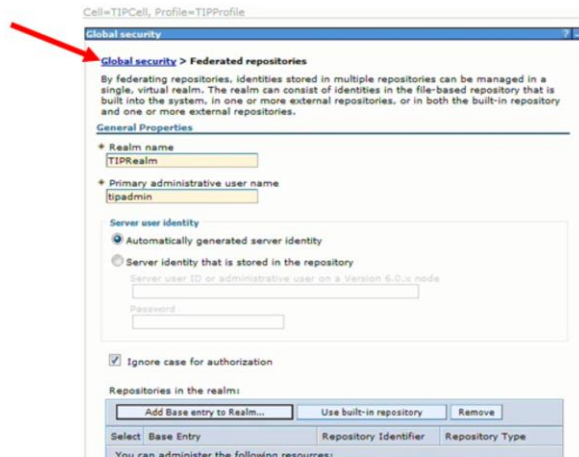
Click the **Save** link to confirm the change



You are now prompted to save your changes. Click the **Save** link.

Configure the federated repository (13 of 16)

Click the **Global security** link



Cell=TIProfile, Profile=TIProfile

Global security

Global security > Federated repositories

By federating repositories, identities stored in multiple repositories can be managed in a single, virtual realm. The realm can consist of identities in the file-based repository that is built into the system, in one or more external repositories, or in both the built-in repository and one or more external repositories.

General Properties

* Realm name
TIProfile

* Primary administrative user name
tipadmin

Server user identity

Automatically generated server identity

Server identity that is stored in the repository

Server user ID or administrative user on a Version 6.0.x needs

Password

Ignore case for authorization

Repositories in the realm:

Add Base entry to Realm... Use built-in repository Remove

Select	Base Entry	Repository Identifier	Repository Type
You can administer the following resources:			

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Click the **Global Security** link to confirm your changes on the final menu.

Configure the federated repository (14 of 16)

Scroll down the page

Cell=TIProfile, Profile=TIProfile

Global security

Use this panel to configure administration and the default application security policy. This security configuration appl functions and is used as a default security policy for user applications. Security domains can be defined to override i applications.

Security Configuration Wizard **Security Configuration Report**

Administrative security

- Enable administrative security
 - [Administrative user roles](#)
 - [Administrative group roles](#)
 - [Administrative authentication](#)

Application security

- Enable application security

Java 2 security

- Use Java 2 security to restrict application access to local resources
 - Warn if applications are granted custom permissions
 - Restrict access to resource authentication data

Use account repository

Current realm definition

Federated repositories

Available realm definitions

Federated repositories

Authentication

Authentication mechanisms and ex

- LTPA
- Kerberos and LTPA
 - [Kerberos configuration](#)
- SWAM (deprecated): No auther
 - [Authentication cache settings](#)

- Web security
- RMI/IOP security
- Java Authentication and Authori
- Use realm-qualified user nam

- [Security domains](#)
- [External authentication providers](#)
- [Custom properties](#)

The Global Security menu is the last one that you need to use to confirm your changes. Scroll to the bottom of the page.

Configure the federated repository (15 of 16)

Click the **Apply** button

The screenshot shows the IBM Security Configuration Assistant (SCA) interface. The main panel is titled 'Configure the federated repository (15 of 16)'. It contains several sections with checkboxes and links:

- Administrative security:** Enable administrative security. Links: [Administrative user roles](#), [Administrative group roles](#), [Administrative authentication](#).
- Application security:** Enable application security.
- Java 2 security:** Use Java 2 security to restrict application access to local resources. Warn if applications are granted custom permissions. Restrict access to resource authentication data.
- User account repository:** Current realm definition: Federated repositories. Available realm definitions: Federated repositories. Buttons: [Configure...](#), [Set as current](#).

At the bottom of the main panel, there are two buttons: **Apply** and **Reset**. A red arrow points to the **Apply** button. On the right side, there is a sidebar with a tree view showing 'Authen' and 'U:' selected.

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Click the **Apply** button to confirm the changes.

Configure the federated repository (16 of 16)

Perform these actions:

- Click the **Save** link to confirm the changes
- Click **Logout** in the upper right of the window

Cell=TIPCell, Profile=TIPProfile

Global security

Messages

- ⚠ The domain name for single signon is not defined. The Web browser defaults the domain that runs the Web application. Single signon is restricted to the application server host name or other application server host names in the domain.
- ⚠ If the Restrict access to local resources option is not enabled, the Java virtual machine are not protected. For example, applications can read and write to files on file systems, list Application Server process, and so on. However, by enabling the Restrict access to local resources applications might fail to run if the required permissions are not granted to the application.
- ⚠ If any of the fields are changed, save the configuration and then stop and restart the application.
- ⚠ Changes have been made to your local configuration. You can:
 - [Save](#) directly to the master configuration.
 - [Save](#) changes before saving or discarding.
- ⚠ The server may need to be restarted for these changes to take effect.

Global security

Use this panel to configure administration and the default application security policy. This security configuration application functions and is used as a default security policy for user applications. Security domains can be defined to override applications.

Security Configuration Wizard Security Configuration Report

Administrative security

Enable administrative security

- [Administrative user roles](#)
- [Administrative group roles](#)
- [Administrative authentication](#)

Application security

Authentication

Authentication mechanisms and e

LTPA

Kerberos and LTPA

[Kerberos configuration](#)

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After clicking the **Save** link on this page, the changes are saved. Log out of the console to prepare for a Tivoli Integrated Portal restart so that the changes can take effect.

Restart the IBM Tivoli Integrated Portal server

Stop and restart the IBM Tivoli Integrated Portal server

```
pstantol@nc9053113224:~/IBM/tivoli/tipv2/bin> ./stopServer.sh server1
ADMU0116I: Tool information is being logged in file
           /home/pstantol/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/stopServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
Realm/Cell Name: <default>
Username: tipadmin
Password:
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.
```

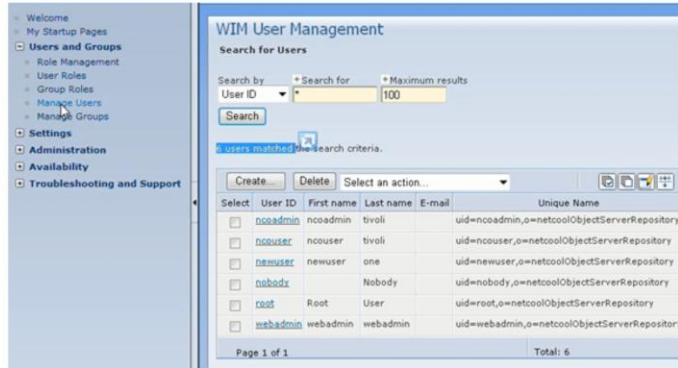
```
pstantol@nc9053113224:~/IBM/tivoli/tipv2/bin> ./startServer.sh server1
ADMU0116I: Tool information is being logged in file
           /home/pstantol/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/startServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server server1 open for e-business; process id is 27196
pstantol@nc9053113224:~/IBM/tivoli/tipv2/bin> █
```

Stop and restart the IBM Tivoli Integrated Portal server so that the changes to the default repository take effect.

Configure a new iscadmins account (1 of 4)

Perform these actions:

- Log in to the Web GUI, expand the **Users and Groups** menu, and click **Manage Users**
- Click **Search**



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After the IBM Tivoli Integrated Portal is restarted, log in to the Web GUI as administrative user and open the Manage Users menu.

You can see a list of the currently available user accounts and the authentication source that they exist in. You use this information when searching for a user account with the **iscadmin** role.

Configure a new iscadmins account (2 of 4)

Click **User Roles** in the left navigation menu

The screenshot shows the 'User Roles' management page in an IBM web interface. On the left is a navigation menu with categories: Welcome, My Startup Pages, Users and Groups (expanded), Settings, Administration, Availability, and Troubleshooting and Support. Under 'Users and Groups', 'User Roles' is selected. The main content area is titled 'User Roles' and contains a search form for 'Available Users'. The form includes fields for 'First name', 'Last name', 'User ID', and 'E-mail', a 'Number of results to display' dropdown set to '20', and a 'Search' button. Below the form is a table with columns: 'User ID', 'First Name', 'Last Name', 'Roles', and 'E-mail'. The table is currently empty.

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Now, you open the **User Roles** menu to search for an account with the **iscadmins** role.

Configure a new iscadmins account (3 of 4)

Perform these actions:

- Type **iscadmin** in the filter field
- Click **Search**

The screenshot shows a user search interface with the following elements:

- Input fields for "First name:" and "Last name:".
- Input fields for "User ID:" and "E-mail:".
- A dropdown menu for "Number of results to display:" set to "20".
- A "Search" button with a mouse cursor hovering over it.
- A search input field containing the text "isc".
- A table header with columns: "User ID", "First Name", "Last Name", "Roles", and "E-mail".
- The table content shows "None" under the "User ID" column.

Filtering the search in this way results in returning only user accounts with the **iscadmin** role defined.

Configure a new iscadmins account (4 of 4)

Find an iscadmin account in the list



The screenshot shows a user management interface with a search bar containing 'isc'. Below the search bar is a table with columns: User ID, First Name, Last Name, Roles, and E-mail. Two users are listed: ncoadmin and webadmin. The webadmin user is highlighted, and a mouse cursor is pointing at the Roles column for this user.

User ID	First Name	Last Name	Roles	E-mail
ncoadmin	ncoadmin	tivoli	administrator, iscadmins	
webadmin	webadmin	webadmin	ncw_user, administrator, chartAdministrator, ncw_admin, monitor, iscadmins, netcool_rw	

Total: 6

The iscadmin account is used as a temporary WIM registry. In this example, the user account is **webadmin**. However, you can also use the ncoadmin account for this process.

Stop the IBM Tivoli Integrated Portal server

Stop the IBM Tivoli Integrated Portal server

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> ./stopServer.sh server1 -username webadmin -password n
etcool
ADMU0116I: Tool information is being logged in file
..... /home/pstanto/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/stopServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.
```

Stop the Tivoli Integrated Portal server to start the changes to the file-based realm primary ID.

Edit the security.xml file (1 of 2)

Perform these actions:

- Find the security.xml file under this directory:
TIPHOME/profiles/TIPProfile/config/cells/TIPCell/security.xml
- Open the file for editing after making a backup copy

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> find ../ -name security.xml
../profiles/TIPProfile/wstemp/anonymous1349300837777/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1349303700310/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1349304051256/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1349307074484/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1349307757356/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1354918956512/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1363040580980/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1363109697917/workspace/cells/TIPCell/security.xml
../profiles/TIPProfile/wstemp/anonymous1363110692497/workspace/cells/TIPCell/security.xml
./profiles/TIPProfile/config/cells/TIPCell/security.xml
```

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> vi ../profiles/TIPProfile/config/cells/TIPCell/security.xml
```

The setting that needs to be changed is in the **security.xml** configuration file. Make a backup of this file and then open it for editing.

Edit the security.xml file (2 of 2)

Perform these actions:

- Search for the line (shown in the screen capture) for the **primaryAdminId**
By default this ID is the tipadmin user account
- Change the tipadmin account to the new **iscadmin** account that you found previously
In this example, the account is webadmin
- Save your changes

```
<userRegistries xmi:type="security:WIMUserRegistry" xmi:id="WIMUserRegistry_1" serverId="" serverPassword="{xor}" realm="TIPRealm" ignoreCase="true" useRegistryServerId="false" primaryAdminId="tipadmin" registryClassName="com.ibm.ws.wim.registry.WIMUserRegistry"/>
```

```
<userRegistries xmi:type="security:WIMUserRegistry" xmi:id="WIMUserRegistry_1" serverId="" serverPassword="{xor}" realm="TIPRealm" ignoreCase="true" useRegistryServerId="false" primaryAdminId="webadmin" registryClassName="com.ibm.ws.wim.registry.WIMUserRegistry"/>  
<authConfig xmi:id="AuthorizationConfig_1" useJACCProvider="true">
```

The primaryAdminId is the iscadmins account that is used to access and administer the file-based realm. By default, the tipadmin user account is set as the primaryAdminId. Change this value to the new iscadmins account to create users and groups in the file-based repository again.

Restart the IBM Tivoli Integrated Portal server

Restart the IBM Tivoli Integrated Portal server

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> ./startServer.sh server1
ADMU0116I: Tool information is being logged in file
           /home/pstanto/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/startServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server server1 open for e-business; process id is 5518
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> █
```

Restart the IBM Tivoli Integrated Portal server so that the new settings take effect.

Configure a new tipadmin account (1 of 8)

Log in to the Tivoli Integrated Portal server with the **iscadmin** account that was set as the **primaryAdminId**



Log in to the Tivoli Integrated Portal server by using the new iscadmins account.

Configure a new tipadmin account (2 of 8)

- Click **Manage Users** in the left navigation pane
- In the WIM User Management pane, click the **Create** button

The screenshot shows the WIM User Management interface. On the left is a navigation pane with the following items: Welcome, My Startup Pages, Users and Groups (expanded), Role Management, User Roles, Group Roles, Manage Users, Manage Groups, Settings, Administration, Availability, and Troubleshooting and Support. The main area is titled "WIM User Management" and contains a "Search for Users" section with a search bar set to "User ID" and a maximum results limit of "100". Below the search bar, it states "5 users matched the search criteria." There are buttons for "Create...", "Delete", and "Select an action...". A table lists the following users:

Select	User ID	First name	Last name	E-mail	Unique Name
<input type="checkbox"/>	ncoadmin	ncoadmin	tivoli		uid=ncoadmin,o=netcoolObjectServerRepository
<input type="checkbox"/>	ncouser	ncouser	tivoli		uid=ncouser,o=netcoolObjectServerRepository
<input type="checkbox"/>	nobody	Nobody			uid=nobody,o=netcoolObjectServerRepository
<input type="checkbox"/>	root	Root	User		uid=root,o=netcoolObjectServerRepository
<input type="checkbox"/>	webadmin	webadmin	webadmin		uid=webadmin,o=netcoolObjectServerRepository

At the bottom of the table area, it says "Page 1 of 1" and "Total: 5".

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Re-create file-based tipadmin account after deletion

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Open the Manage Users menu so that you can create the new tipadmin account. Click the **Create** button to create the new tipadmin account.

Configure a new tipadmin account (3 of 8)

Create a new **tipadmin** user account

The screenshot shows a web form titled "WIM User Management" with a sub-heading "Create a User". The form includes the following fields and controls:

- User ID:** A text input field containing "tipadmin". To its right is a "Group Membership" button.
- First name:** A text input field containing "tip".
- Last name:** A text input field containing "admin".
- E-mail:** An empty text input field.
- Password:** A text input field with masked characters (dots).
- Confirm password:** A text input field with masked characters (dots).
- Buttons:** "Create" and "Cancel" buttons are located at the bottom left of the form.

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Re-create file-based tipadmin account after deletion

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Enter **tipadmin** for the User ID. You can set the first name, last name, and password fields to the values that you prefer. Then, click the **Create** button to create the user account.

Configure a new tipadmin account (4 of 8)

Click the **Close** button



You are prompted to create additional user accounts. This is not needed. Click the **Close** button to complete the account creation.

Configure a new tipadmin account (5 of 8)

Search your user accounts to verify that the **tipadmin** account is created in FileBasedRealm

WIM User Management

Search for Users

Search by: Search for: Maximum results: 100

Search

5 users matched the search criteria.

Select	User ID	First name	Last name	E-mail	Unique Name
<input type="checkbox"/>	ncoadmin	ncoadmin	tivoli		uid=ncoadmin,o=netcoolObjectServerRepository
<input type="checkbox"/>	ncouser	ncouser	tivoli		uid=ncouser,o=netcoolObjectServerRepository
<input type="checkbox"/>	nobody		Nobody		uid=nobody,o=netcoolObjectServerRepository
<input type="checkbox"/>	root	Root	User		uid=root,o=netcoolObjectServerRepository
<input type="checkbox"/>	tipadmin	tip	admin		uid=tipadmin,o=defaultWIMFileBasedRealm
<input type="checkbox"/>	webadmin	webadmin	webadmin		uid=webadmin,o=netcoolObjectServerRepository

Page 1 of 1 Total: 6

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Re-create file-based tipadmin account after deletion

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Now, when you search your user accounts from the **Manage Users** menu, the tipadmin account is in **FileBasedRealm**.

Configure a new tipadmin account (6 of 8)

Click the **User Roles** link in the left navigation menu

The screenshot shows the 'User Roles' page in an IBM administrative console. On the left is a navigation menu with categories like 'Users and Groups', 'Settings', 'Administration', 'Availability', and 'Troubleshooting and Support'. The 'User Roles' link is highlighted. The main content area is titled 'User Roles' and includes a 'Related Tasks' dropdown. Below this is a section for 'Available Users' with instructions to assign roles. There are four input fields: 'First name', 'Last name', 'User ID', and 'E-mail'. A 'Number of results to display' dropdown is set to '20', and a 'Search' button is present. At the bottom, a table header is visible with columns for 'User ID', 'First Name', 'Last Name', 'Roles', and 'E-mail'. The table currently shows 'None' in the 'User ID' column.

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Re-create file-based tipadmin account after deletion

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Open the User Roles menu to confirm the tipadmin user account settings.

Configure a new tipadmin account (7 of 8)

Search for users with the **iscadmins** role by filtering on isc

First name: Last name:

User ID: E-mail:

Number of results to display:
20 ▾

isc

User ID	First Name	Last Name	Roles	E-mail
None				

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Re-create file-based tipadmin account after deletion

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Click the **Search** button to locate the tipadmin account.

Configure a new tipadmin account (8 of 8)

Verify that the tipadmin account exists and has the correct roles



The screenshot shows a user management interface with a search bar containing 'isc'. Below the search bar is a table with columns: User ID, First Name, Last Name, Roles, and E-m. The table contains two rows: one for 'ncoadmin' and one for 'tipadmin'. The 'tipadmin' row is highlighted, and a mouse cursor is pointing at the 'tipadmin' user ID. The roles for 'tipadmin' are 'chartAdministrator, monitor, iscadmins'. At the bottom right of the table, it says 'Total: 6'.

User ID	First Name	Last Name	Roles	E-m
ncoadmin	ncoadmin	tivoli	administrator, iscadmins	
tipadmin	tip	admin	chartAdministrator, monitor, iscadmins	

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Re-create file-based tipadmin account after deletion

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Here, you see the tipadmin user account. The roles that were originally assigned to the account are automatically remapped to the username. This confirms that the account was created in the correct user repository source with the correct user roles. Log out of the Tivoli Integrated Portal server so that you can finish configuring the tipadmin account.

Stop the IBM Tivoli Integrated Portal server

Stop the IBM Tivoli Integrated Portal server

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> ./stopServer.sh server1 -username webadmin -password n
etcool
ADMU0116I: Tool information is being logged in file
           /home/pstanto/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/stopServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.

pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> █
```

Stop the IBM Tivoli Integrated Portal server so that you can set the **server.xml** file back to the default values.

Edit the security.xml file (1 of 2)

Open the **security.xml** file for editing

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> vi ../profiles/TIPProfile/config/cells/TIPCell/security.xml
```

Open the **security.xml** file for editing.

Edit the security.xml file (2 of 2)

Find the **primaryAdminId** and change the user account back to **tipadmin**

```
<userRegistries xmi:type="security:WIMUserRegistry" xmi:id="WIMUserRegistry_1" serverId="" server  
Password="{xor}" realm="TIPRealm" ignoreCase="true" useRegistryServerId="false" primaryAdminId="tip  
admin" registryClassName="com.ibm.ws.wim.registry.WIMUserRegistry"/>
```

Find the **primaryAdminId**. This value is the one that was changed to the temporary iscadmins account. Change this value back to the tipadmin account.

Restart the IBM Tivoli Integrated Portal server

Restart the IBM Tivoli Integrated Portal server

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> ./startServer.sh server1
ADMU0116I: Tool information is being logged in file
           /home/pstanto/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/startServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server server1 open for e-business; process id is 6040
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin>
```

After restarting the IBM Tivoli Integrated Portal server, the changes to the **security.xml** file take effect.

Configure the federated repository (1 of 15)

- Log in to the WebSphere administrative console and select **Federated repositories**
- Verify that both an ObjectServer and a file-based repository are defined

WebSphere Administrative Console - Federated repositories

2. Federated repositories, identities stored in multiple repositories can be managed in a single, virtual team. The team can consist of identities in the file-based repository that is built into the system, in one or more external repositories, or in both the built-in repository and one or more external repositories.

Additional Properties

Assign name:

Primary administrative user name:

Server user identity

Automatically generated server identity

Server identity that is stored in the repository

Server user ID or administrative user ID (optional):

Repository:

Ignore case for authorization

Repositories in the team:

Select	Base Entry	Repository Identifier	Repository Type
<input type="checkbox"/>	o=DefaultFileBasedTeam	InternalFileRepository	File
<input type="checkbox"/>	o=NetcosObjectServerRepository	NetcosObjectServer	Custom

Total: 2

Additional Properties

ObjectServerRepository

ObjectRepository

PolicyMappingRepository

SupportedACLs/Types

TrustedAuthenticationNameRepository

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Re-create file-based tipadmin account after deletion

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Log in to the WebSphere administrative console and select **Federated repositories**. Verify that both an ObjectServer and a file-based repository are defined.

Configure the federated repository (2 of 15)

Perform these actions:

- Copy the base entry value for the ObjectServer repository
- Click **Supported entity types**

Ignore case for authorization

Repositories in the realm:

Select	Base Entry	Repository Identifier	Repository Type
<input type="checkbox"/>	o=defaultWIMFileBasedRealm	InternalFileRepository	File
<input checked="" type="checkbox"/>	h=netcoolObjectServerRepository	NetcoolObjectServer	Custom

You can administer the following resources:

Additional Properties

- [Property extension repository](#)
- [Entry mapping repository](#)
- [Supported entity types](#)

Related Items

- [Manage repositories](#)
- [Trusted authentication realms - inbound](#)

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Re-create file-based tipadmin account after deletion

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In this example, the ObjectServer repository source was originally set as the default repository source. Set this back as the default source. Start by copying the Base Entry value for the ObjectServer. Then, click the **Supported entity types** link.

Configure the federated repository (3 of 15)

Click the **Group** link

The screenshot shows the 'Global security' console with the breadcrumb 'Global security > Federated repositories > Supported entity types'. Below the breadcrumb is a description: 'Use this page to configure entity types that are supported by the member repositories.' There is a 'Preferences' section with expand/collapse and refresh icons. A table lists supported entity types with their base entries and distinguished name properties.

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=defaultWIMFileBasedRealm	cn
OrgContainer	o=defaultWIMFileBasedRealm	o;ou;dc;cn
PersonAccount	o=defaultWIMFileBasedRealm	uid
Total 3		

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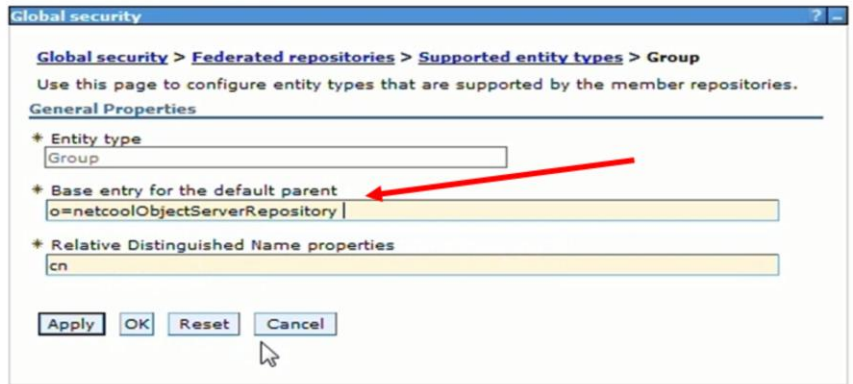
Re-create file-based tipadmin account after deletion

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In this example, the file-based source was set as the default repository source. Change this setting back to the ObjectServer repository source. Start with the Group entity type. Click the **Group** link.

Configure the federated repository (4 of 15)

Update the value of the **Base entry for the default parent** with the value copied earlier



Global security

[Global security](#) > [Federated repositories](#) > [Supported entity types](#) > [Group](#)

Use this page to configure entity types that are supported by the member repositories.

General Properties

* Entity type
Group

* Base entry for the default parent
o=netcoolObjectServerRepository

* Relative Distinguished Name properties
cn

Apply OK Reset Cancel

Paste the base entry value for the ObjectServer repository into the **Base entry for the default parent** field for the **Group** entity type.

Configure the federated repository (5 of 15)

Perform these actions:

- Click the **Save** link
- Click the **OrgContainer** link

Global security

Messages

- ⚠ Changes have been made to your local configuration. You can:
 - [Save](#) directly to the master configuration.
 - [ReNew](#) changes before saving or discarding.
- ⚠ The server may need to be restarted for these changes to take effect.

[Global security](#) > [Federated repositories](#) > **Supported entity types**

Use this page to configure entity types that are supported by the member repositories.

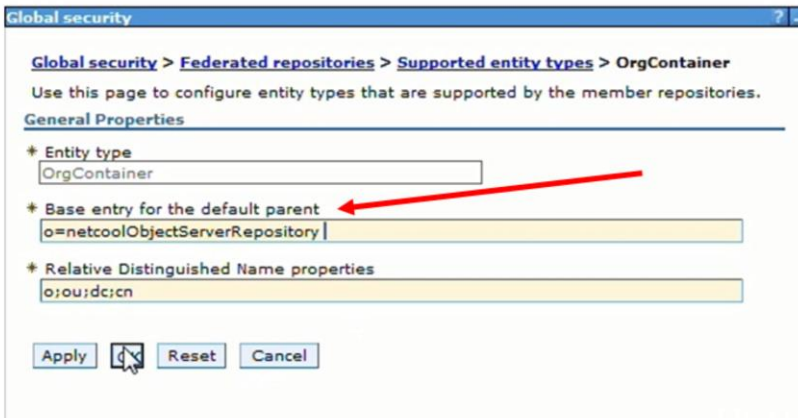
Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=netcoolObjectServerRepository	cn
OrgContainer	o=defaultWIMFileBasedRealm	o;ou;dc;cn
PersonAccount	o=defaultWIMFileBasedRealm	uid
Total 3		

You are prompted to save the change to the entity type. Make sure you click the **Save** link to confirm the change.

Configure the federated repository (6 of 15)

Update the value of the **Base entry for the default parent** with the value copied earlier



Global security

Global security > Federated repositories > Supported entity types > OrgContainer


Use this page to configure entity types that are supported by the member repositories.

General Properties

* Entity type
OrgContainer

* Base entry for the default parent
o=netcoolObjectServerRepository

* Relative Distinguished Name properties
o;ou;dc;cn

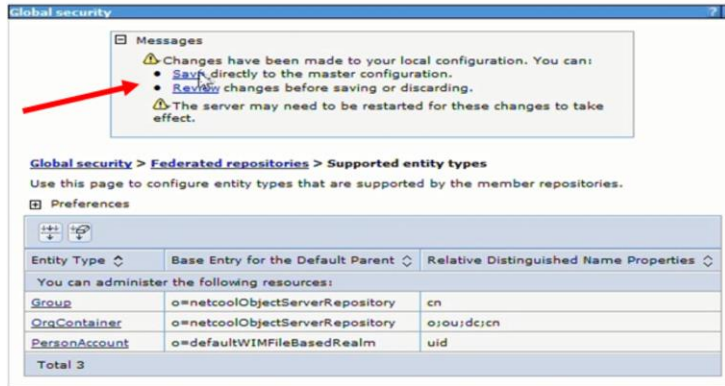
Apply  Reset Cancel

Paste the base entry value for the ObjectServer repository into the **Base entry for the default parent** field for the **OrgContainer** entity type.

Configure the federated repository (7 of 15)

Perform these actions:

- Click the **Save** link
- Click the **PersonAccount** link



The screenshot shows the 'Global security' console window. A message box is displayed with the following text:

Messages

- ⚠ Changes have been made to your local configuration. You can:
 - [Save](#) directly to the master configuration.
 - [Review](#) changes before saving or discarding.
- ⚠ The server may need to be restarted for these changes to take effect.

A red arrow points to the [Save](#) link in the message box.

Global security > Federated repositories > Supported entity types

Use this page to configure entity types that are supported by the member repositories.

Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=netcoolObjectServerRepository	cn
OrgContainer	o=netcoolObjectServerRepository	o;ou;dc;cn
PersonAccount	o=defaultWIMFileBasedRealm	uid
Total 3		

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Re-create file-based tipadmin account after deletion

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You are prompted to save the change to the entity type. Make sure you click the **Save** link to confirm the change.

Configure the federated repository (8 of 15)

Update the value of the **Base entry for the default parent** with the copied value

The screenshot shows a web-based configuration window titled "Global security". The breadcrumb navigation is "Global security > Federated repositories > Supported entity types > PersonAccount". Below the breadcrumb, there is a sub-header "General Properties" and a description: "Use this page to configure entity types that are supported by the member repositories." The configuration is organized into three sections, each with a plus sign icon and a text input field:

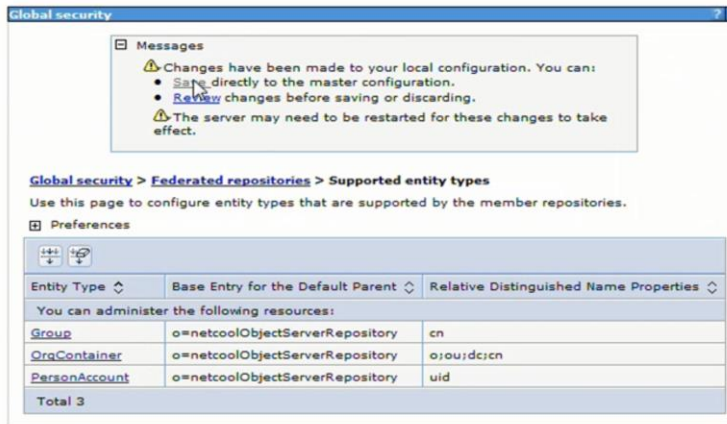
- Entity type:** The input field contains "PersonAccount".
- Base entry for the default parent:** The input field contains "o=netcoolObjectServerRepository".
- Relative Distinguished Name properties:** The input field contains "uid".

At the bottom of the form, there are four buttons: "Apply", "OK", "Reset", and "Cancel". A mouse cursor is pointing at the "Cancel" button.

Paste the base entry value for the ObjectServer repository into the **Base entry for the default parent** field for the **PersonAccount** entity type.

Configure the federated repository (9 of 15)

Click the **Save** link



The screenshot shows a web interface for configuring federated repositories. At the top, a message box indicates that changes have been made to the local configuration and provides instructions to either save directly to the master configuration or review changes before saving. Below the message, the breadcrumb path is "Global security > Federated repositories > Supported entity types". The page instructs the user to use this page to configure entity types supported by member repositories. A "Preferences" section is visible, followed by a table with columns for "Entity Type", "Base Entry for the Default Parent", and "Relative Distinguished Name Properties". The table lists three entity types: Group, OrgContainer, and PersonAccount, all using the "o=netcoolObjectServerRepository" base entry. The "Total" row shows 3 entity types.

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=netcoolObjectServerRepository	cn
OrgContainer	o=netcoolObjectServerRepository	o=ou;dc=cn
PersonAccount	o=netcoolObjectServerRepository	uid
Total 3		

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Re-create file-based tipadmin account after deletion

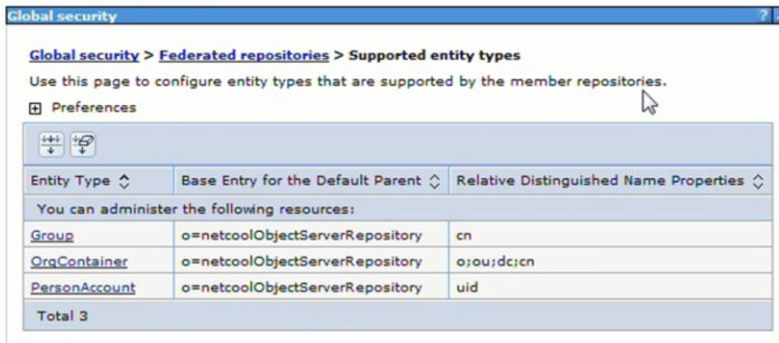
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You are prompted to save the change to the entity type. Make sure you click the **Save** link to confirm the change.

Configure the federated repository (10 of 15)

Perform these actions:

- Verify all three entity types are now set to your original default parent
- Click the **Federated repositories** breadcrumb link



Global security > Federated repositories > Supported entity types

Use this page to configure entity types that are supported by the member repositories.

Preferences

Entity Type	Base Entry for the Default Parent	Relative Distinguished Name Properties
You can administer the following resources:		
Group	o=netcoolObjectServerRepository	cn
OrgContainer	o=netcoolObjectServerRepository	o,ou,dc;cn
PersonAccount	o=netcoolObjectServerRepository	uid
Total 3		

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Re-create file-based tipadmin account after deletion

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All three of the entity types are now set back to the ObjectServer source as they were at the beginning of this process. Click the **Federated repositories** breadcrumb link to continue confirming the changes.

Configure the federated repository (11 of 15)

Scroll to the bottom of the page and click the **OK** button

Repositories in the realm:

Select	Base Entry	Repository Identifier	Repository Type
You can administer the following resources:			
<input type="checkbox"/>	o=defaultWIMFileBasedRealm	InternalFileRepository	File
<input type="checkbox"/>	o=netcoolObjectServerRepository	NetcoolObjectServer	Custom

Additional Properties

- [Property extension repository](#)
- [Entry mapping repository](#)
- [Supported entity types](#)

Related Items

- [Manage repositories](#)
- [Trusted authentication realms - inbound](#)

To make sure that the changes to the entity type are saved correctly, go back through the navigation menus and apply the changes. To start this on the federated repository menu, click the **OK** button.

Configure the federated repository (12 of 15)

Click the **Save** link at the top of the page

The screenshot shows the 'Global security' configuration page. At the top, there is a 'Messages' box with a warning icon and the following text: 'Changes have been made to your local configuration. You can: • [Save](#) directly to the master configuration. • [Review](#) changes before saving or discarding. • The server may need to be restarted for these changes to take effect.' Below this, the 'Global security' section contains a description: 'Use this panel to configure administration and the default application security policy. This security configuration is used as a default security policy for user applications. Security domains can be defined to applications.' There are two buttons: 'Security Configuration Wizard' and 'Security Configuration Report'. Under 'Administrative security', there is a checked checkbox for 'Enable administrative security' and three links: 'Administrative user roles', 'Administrative group roles', and 'Administrative authentication'. Under 'Authentication', there is a section for 'Authentication mechanism' with a radio button selected for 'LTPA'.

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Re-create file-based tipadmin account after deletion

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Click the **Save** link.

Configure the federated repository (13 of 15)

Click the **Global security** breadcrumb link

Global security > Federated repositories

Federated repositories, identities stored in multiple repositories can be managed in a single, virtual realm. The realm can consist of identities in the file-based repository that is built into the system, in one or more external repositories, or in both the built-in repository and one or more external repositories.

General Properties

Realm name:

Primary administrative user name:

Server user identity

Automatically generated server identity

Server identity that is stored in the repository

Server user ID or administrative user on a Windows S.S. node:

Password:

Ignore case for authorization

Repositories in the realm:

Search	Base Entry	Repository Identifier	Repository Type
<input type="checkbox"/>	0=DefaultWinFileBasedRealm	InternalFileRepository	File
<input type="checkbox"/>	0=DefaultClientServerRepository	ExternalClientServer	Custom
Total: 2			

Additional Properties

- [Access external repository](#)
- [Entry mapping repository](#)
- [Subject entry base](#)

Related Items

- [Default resources](#)
- [Trusted authentication realm linkage](#)

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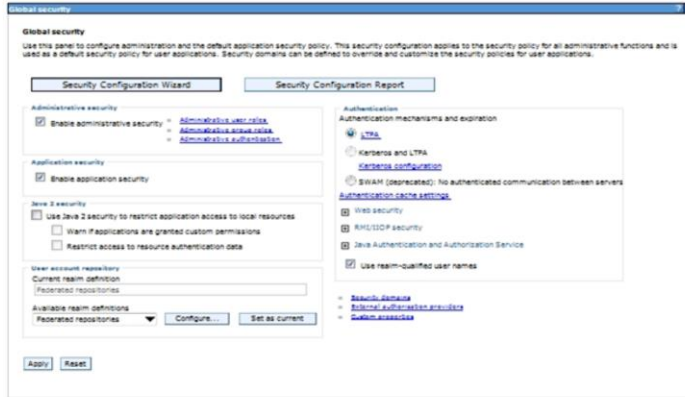
Re-create file-based tipadmin account after deletion

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Click the **Global Security** breadcrumb link to continue.

Configure the federated repository (14 of 15)

Scroll to the bottom of the page and click the **Apply** button



Click the **Apply** button at the bottom of the Global Security window.

Configure the federated repository (15 of 15)

Perform these actions:

- Click **Save**
- Click **Logout**

The screenshot shows the 'Global security' configuration page. A red arrow points to the 'Save' link in the 'Messages' section. Another red arrow points to the 'Logout' link in the top right corner. The 'Messages' section contains several warning icons and text: 'The domain name for single signon is not defined. The Web browser de that runs the Web application. Single signon is restricted to the application other application server host names in the domain.', 'If the Restrict access to local resources option is not enabled, the Java v are not protected. For example, applications can read and write to files on I Application Server process, and so on. However, by enabling the Restrict ac applications might fail to run if the required permissions are not granted to', 'If any of the fields are changed, save the configuration and then stop a', 'Changes have been made to your local configuration. You can: • [Save](#) directly to the master configuration. • [Review](#) changes before saving or discarding.', and 'The server may need to be restarted for these changes to take effect.'. Below the messages, there is a 'Global security' section with a description: 'Use this panel to configure administration and the default application security policy. This security c functions and is used as a default security policy for user applications. Security domains can be defi applications.'. At the bottom, there are two buttons: 'Security Configuration Wizard' and 'Security Configuration Report'. The page number '58' is in the bottom left, 'Re-create file-based tipadmin account after deletion' is in the bottom center, and '© 2013 IBM Corporation' is in the bottom right.

After you click the **Save** link on this page, click **Logout** so that the changes can take effect.

Stop the IBM Tivoli Integrated Portal server

Stop the IBM Tivoli Integrated Portal server

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> ./stopServer.sh server1 -username webadmin -password n
etcool
ADMU0116I: Tool information is being logged in file
           /home/pstantc/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/stopServer.log
ADMU0128I: Starting tool with the TIPProfile profile
ADMU3100I: Reading configuration for server: server1
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.
```

Stop the IBM Tivoli Integrated Portal server.

Restart the IBM Tivoli Integrated Portal server

Restart the IBM Tivoli Integrated Portal server

```
pstanto@nc9053113224:~/IBM/tivoli/tipv2/bin> ./startServer.sh server1
DMU0116I: Tool information is being logged in file
        /home/pstanto/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/startServer.log
DMU0128I: Starting tool with the TIPProfile profile
DMU3100I: Reading configuration for server: server1
DMU3200I: Server launched. Waiting for initialization status.
DMU3000I: Server server1 open for e-business; process id is 6299
```

Start the Tivoli Integrated Portal server. Now that the Tivoli Integrated Portal server is restarted, the changes made earlier in the GUI take effect. The tipadmin is re-created in the correct repository source, and the default repository is set back to the original value of object server.

Summary

Now that you completed this module, you can accomplish these tasks:

- Find an alternate iscadadmin account
- Log in to the eWAS administrative console
- View and change the default federated repository
- Change the primary account on the file-based repository
- Re-create the tipadmin account

Now that you completed this module, you can accomplish these tasks:

- Find an alternate iscadadmin account
- Log in to the eWAS administrative console
- View and change the default federated repository
- Change the primary account on the file-based repository
- Re-create the tipadmin account

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