

In this IBM Tivoli[®] Netcool/OMNIbus Web GUI version 7.3.1 training module, you learn how to change the default parent from its current setting to the file-based repository.

	IBM
Assumptions	
It is assumed that you are currently using the Federated repository as the user accour repository. The Federated repository is the default option for the realm definition. This default setting is verified within this training module prior to making changes to the us account repository settings.	int Ser
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It is assumed that you are currently using the Federated repository as the user account repository. This is the system default option for the realm definition.

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Objectives	
After you have completed this training module, you can accomplish these tasks:	
 Describe the default parent repository source and its significance 	
 Verify the currently configured default parent repository source through both th CLI 	e GUI and the
 Update the default parent to the file-based repository source through both the CLI 	GUI and the
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After you have completed this training module, you can accomplish these tasks:

- Describe the default parent repository source and its significance

- Verify the currently configured default parent repository source through both the GUI and the CLI

- Update the default parent to the file-based repository source through both the GUI and the CLI

IBM
Default parent repository source significance
Default parent repository source significance:
 Federated repositories: Enable use of multiple repositories with WebSphere[®] Application Server Repositories can be file-based repositories, LDAP repositories, or a sub-tree of an LDAP repository Defined and theoretically combined under a single realm
 If you configure multiple repositories under the federated repositories realm: You must also configure supported entity types You must specify a base entry for the default parent
 Changing the default repository source to the file-based repository: New users created in the Manage Users menu are now created in the file-based repository New groups created in the Manage Groups menu are now also created in the file-based repository
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Federated repositories enable you to use multiple repositories with WebSphere Application Server. These repositories, which can be file-based repositories, LDAP repositories, or a sub-tree of an LDAP repository, are defined and theoretically combined under a single realm. If you configure multiple repositories under the federated repositories realm, you must also configure supported entity types and specify a base entry for the default parent.

Changing the default repository source to the file-based repository means that new users created in the **Manage Users** menu are now created in the file-based repository. It also means that the new groups created in the **Manage Groups** menu are now also created in the file-based repository.



Log in to the IBM Tivoli Integrated Portal as a user with the iscadmin role. By default, the tipadmin user account has the iscadmin role assigned to it. Check with your IBM Tivoli Integrated Portal administrator for a user account with the iscadmin role assigned to it.



Click to expand the **Settings** menu. Now locate and click the **WebSphere Administrative Console** link. The WebSphere Administrative Console screen now appears. Click the **Launch WebSphere administrative console** button.

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In the WebSphere Administrative console expand the **Security** folder. Locate and click the **Global security** link. Assuming that you are currently using the Federated repository as the user account repository, the default option for the realm definition, click the **Configure...** button to open the Federated repository configuration menu.

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Federa	ited reposito	ry configu	ration - GUI	
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Perform th	hese actions from	the GUI		
 Copy the 	e Base Entry stri	ng for the File	Repository Type	
 Click the 	e Supported Ent	tity Types link		
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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 the **Manage Users** menu and **Manage Groups** menu.

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Chang	ging the defa	ult parent to the fi	le-based repository - (GUI
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The	e default repositor	y source for Group, Org	Container, and PersonAccoun	t is the
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Ce	II=TIPCell, Profile=TIPProf	file		
61	abal security	iiie	21	
	obal security			
	Global security > Federate	ed repositories > Supported entity ty	pes	
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	F Preferences			

	Entity Type 🛟	Base Entry for the Default Parent \diamondsuit	Relative Distinguished Name Properties \diamondsuit	
	You can administer the fo	ollowing resources:		
	Group	o=netcoolObjectServerRepository	cn	
	OrgContainer	o=netcoolObjectServerRepository	o;ou;dc;cn	
	PersonAccount	o=netcoolObjectServerRepository	uid	
	Total 3			
				© 2013 IBM Corporation

In this example, the netcoolObjectServerRepository is the base entry for the default parent for all listed entity types. It is currently the default repository source for the Group, OrgContainer, and PersonAccount entity types. This training module demonstrates how to make configuration changes so that the file-based repository is the default repository source for all three.

	423
Changing the default parent g	roup - GUI (1 of 2)
Perform these actions from the GUI:	
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On this slide the **Base entry for the default parent** is the netcoolObjectServerRepository. Delete this information from that text box. Now paste the file-based base entry that was copied earlier into the **Base entry for the default parent** text box for the Group entity type and click **OK**.

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Changing the default	parent group - G	iUI (2 of 2)	
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Save the change to the Entity type. Make sure you click the **Save** link to confirm the change.

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Paste the file-based **Base Entry** that was copied earlier into the **Base entry for the default parent** text box for the OrgContainer **Entity type**.

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Paste the file-based **Base Entry** that was copied earlier into the **Base entry for the** default parent text box for the **PersonAccount Entity type**.

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Save the change to the entity type and click the **Save** link to confirm the change.

Saving re	pository	changes - G	UI (2 of 3)	
erform thes	e actions fro	om the GUI:		
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	Red to	C		
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To make sure that the changes to the entity type are saved properly, go back through the navigation menus and apply the changes. Start this on the federated repository menu by clicking the **OK** button. You are prompted to save your changes. Click the **Save** link. Now click the **Global Security** link to confirm your changes on the final menu.

aving repository ch	anges - GUI (3	of 3)	
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erform these actions from t	the GUI:		
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The **Global Security** menu is the last menu that you need to confirm your changes through. Scroll to the bottom of the page. Click the **Apply** button to confirm the changes. Click the **Save** link on this screen to save the changes. Log out of the console to prepare for an IBM Tivoli Integrated Portal restart. The changes take effect after the restart.

IB	Ŵ
Restart the IBM Tivoli Integrated Portal - GUI	
Stop and start the IBM Tivoli Integrated Portal server for the changes to take effect on the	
[pstanto60nc9053113208 bin]\$./stopServer.sh server1 -username tipadmin -password tipadmin	
ADMUUIIOI: 1001 INIOFMALION IS being logged in life	
ADMU01281: 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.	
[pstanto6@nc9053113208 bin]\$./startServer.sh server1	
ADMU0116I: Tool information is being logged in file	
/opt/pstanto6/IBM/tivoli/tipv2/profiles/TIPProfile/logs/server1/startServer.log	
ADMUU1281: Starting tool with the TIPProfile profile	
ADMUSICULE Reading configuration for server: serveri	
ADMUS2001: Server launched. Walting for initialization Status.	
ADMOSOBOL. Server Serveri open for e-business, process id is 10000	
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Stop and restart the IBM Tivoli Integrated Portal server. The IBM Tivoli Integrated Portal restart allows the changes to the default repository to take effect.

	IBM
Connecting to the wsadmin scripting prompt - CLI	
Start the wsadmin scripting client with the Jython scripting language	
\$ cd TIHOME/profiles/TIPProfile/bin	
\$. setupCmdLine.sh	
\$./wsadmin.sh -lang jython -user tipadmin -password tipadmin -profile TIPProfile	
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The following CLI tutorial uses the Jython scripting language. So for the tutorial to work, you must use the start command documented here.

IBM
Gather repository details - CLI
Perform these actions from the CLI:
 Run AdminTask.listIdMgrReaIms(") to get the name of your realm
 Run AdminTask.listIdMgrReaImBaseEntries('[-name TIPReaIm]') to get a list of the currently configured base entries in your configured realm
wsadmin> wsadmin>AdminTask.listIdMgrRealms('') 'TIPRealm' wsadmin> <mark>-</mark>
wsadmin> wsadmin>AdminTask.listIdMgrRealmBaseEntries('[-name TIPRealm]') 'o=defaultWIMFileBasedRealm\no=netcoolObjectServerRepository\nDC=sflab,DC=local' wsadmin>
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The command shown on this slide returns your realm name. You need this realm name for the next command which lists the current base entries in your realm. Here you see that there is a file-based entry, ObjectServer entry, and LDAP entry.

	IBM
List the current default parent repository - CLI	
Run these commands to get the currently configured default parent for the Group, OrgContainer and Personaccount:	
wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name Group]')	
wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name OrgContainer]')	
wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name PersonAccount]')	
<pre>wsadmin> wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name Group]') '{name=Group, defaultParent=o=netcoolObjectServerRepository, rdnProperties=[cn]}' wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name OrgContainer]') '{name=OrgContainer, defaultParent=o=netcoolObjectServerRepository, rdnProperties=[o, ou, dc, wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name PersonAccount]') '{name=PersonAccount, defaultParent=o=netcoolObjectServerRepository, rdnProperties=[uid]}' wsadmin></pre>	cn]}'
© 201	3 IBM Corporation

In this example, the ObjectServer base entry is the current default parent.

IBM
Change and save the default parent repository - CLI
Run the these commands to update and save the file repository as the default parent
wsadmin>AdminTask.updateldMgrSupportedEntityType('[-name Group -defaultParent o=defaultWIMFileBasedRealm]') wsadmin>AdminTask.updateldMgrSupportedEntityType('[-name OrgContainer -defaultParent o=defaultWIMFileBasedRealm]')
wsadmin>AdminTask.updateldMgrSupportedEntityType('[-name PersonAccount -defaultParent o=defaultWIMFileBasedRealm]')
wsadmin>AdminConfig.save()
wsadmin> wsadmin>AdminTask.updateIdMgrSupportedEntityType('[-name Group -defaultParent o=defaultWIMFileBasedRealm]') 'CWWIM5027W The configuration is not complete. Saving an incomplete configuration can cause startup problems.' usachinal definituate complete Statement (!] area configuration defaultParent configuration can cause startup problems.'
"CWWIM5027W The configuration is not complete. Saving an incomplete configuration cause startup problems." "CWWIM5027W The configuration is not complete. Saving an incomplete configuration can cause startup problems." wsadmin>AdminTask.updateIdMgrSupportedEntityType('[-name PersonAccount -defaultParent o=defaultWIMFileBasedRealm]') "CWWIM5027W The configuration is not complete. Saving an incomplete configuration can cause startup problems."
wsadmin>AdminConfig.save() wsadmin>
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Run the commands shown on this slide to both update and save the file-based repository as the default parent.

	IBM
Verify the current default parent repository - CLI	
Run these commands to get the currently configured default parent for the Group, OrgContainer and Personaccount:	
wsadmin> AdminTask.getIdMgrSupportedEntityType('[-name Group]')	
wsadmin> AdminTask.getIdMgrSupportedEntityType('[-name OrgContainer]')	
wsadmin> AdminTask.getIdMgrSupportedEntityType('[-name PersonAccount]')	
Note: These commands verify that the default parent is now set to file-based entry.	
<pre>wsadmin> wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name Group]') '{name=Group, defaultParent=o=defaultWIMFileBasedRealm, rdnProperties=[cn]}' wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name OrgContainer]') '{name=OrgContainer, defaultParent=o=defaultWIMFileBasedRealm, rdnProperties=[o, ou, dc, wsadmin>AdminTask.getIdMgrSupportedEntityType('[-name PersonAccount]') '{name=PersonAccount, defaultParent=o=defaultWIMFileBasedRealm, rdnProperties=[uid]}' wsadmin></pre>	cn]}'
\$ 20	13 IBM Corporation

After running the verify commands, you can quit the wsadmin scripting client.



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

	IBM
Summary	
Now that you have completed this module, you can accomplish these tasks:	
 Describe the default parent repository source and it's significance 	
 Verify the currently configured default parent repository source through both CLI 	n the GUI and the
 Update the default parent to the file-based repository source through both to CLI 	he GUI and the
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Now that you have completed this module, you can accomplish these tasks:

- Describe the default parent repository source and its significance

- Verify the currently configured default parent repository source through both the GUI and the CLI

- Update the default parent to the file-based repository source through both the GUI and the CLI

