

This presentation will discuss some common configuration issues when using a Lightweight Directory Access Protocol user registry with Information Server version 8. Lightweight Directory Access Protocol is referred to as LDAP throughout this presentation.

	IBM
Objectives	
<ul> <li>All users not displayed in Web Console</li> </ul>	
<ul> <li>User attributes not filled in</li> </ul>	
<ul> <li>Users not inheriting group roles</li> </ul>	
<ul> <li>Unable to display group properties</li> </ul>	
<ul> <li>Groups do not appear in User properties</li> </ul>	
2 Troubleshooting LDAP configuration issues	© 2013 IBM Corporation

The objectives of this presentation are to discuss how to troubleshoot issues where all of the LDAP users are not displayed in the Information Server Web Console, the user attributes such as first and last name are not filled in and the users are not inheriting the group roles. Also, group properties will not display properly and groups are not appearing in the user's properties.

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The first issue this presentation will discuss is an issue where LDAP is configured but not all of the users are displayed in the Information Server Web Console. For efficiency purposes, the directory service limits the number of LDAP users to the first 1000 users that it retrieves. The 1000 users that are retrieved are based on filter criteria set in the main filter, as displayed on this slide.

	IBM
All users not displayed in Web Console (2 of 4)	
<ul> <li>Check user filter in your WebSphere<sup>®</sup> LDAP configuration</li> <li>User filter determines LDAP attribute filtered</li> </ul>	
– uid by default	
Global security 7	
registry settings Specify advanced Lightweight Directory Access Protocol (LDAP) user registry settings when users and groups reside in an external LDAP directory. When security is enabled and any of these advanced settings are changed, go to the Security > Global security panel. Click Apply or OK to validate the changes.	
General Properties	
User filter [(&(uid=%v)(objectclass=inetOrgPerson))]	
Group Filter	
(&(cn=%v)(objectclass=posixGroup))	
User ID map	
inetOrgPerson:uid	
Group ID man	
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Check your user filter in your WebSphere LDAP configuration to determine which LDAP entry the filter is using. The default is normally uid.

l users not displayed	in Web Cons	ole (3 of 4)	
dditional Filter Criteria	- d d.		
<ul> <li>Applies to 1000 users alre</li> <li>Has no effect on initial user</li> </ul>	eady retrieved ers retrieved		
(			
Users ×			
Select Users to Work With	277 / January 1996 1997 1997		
dou* Filter	Clear Filter		
Additional Filter Criteria			
( First Name:		Business Closcary Administrator	
	10		
Last Name:			
Task Name:		Business Glossary Author	
Email Address:		Business Glossary Author Business Glossary User	
Email Address: Title:		Business Glossary Author Business Glossary User DataStage and QualityStage Administrator	
Email Address:		Business Glossary Author Business Glossary User DataStage and QualityStage Administrator	
Email Address: Email Address: Title: Location:		Business Glossary Author Business Glossary User DataStage and QualityStage Administrator	

The user list can also be filtered using the Additional Filter Criteria. The difference here is that this filter only applies to the 1000 users that have already been retrieved. It does not effect the initial 1000 users selected.

rs not displayed in Web Console (4 of 4)  criteria can be modified User filter additional search criteria  e  rches on uid or sn (last name) ucation Assistant module on Advanced LDAP Filtering techniques to minimi uere® Information Server user list: ww.ibm.com/support/docview.wss?uid=swg27023908  rity  settings  advanced Lightweight Directory Access Protocol (LDAP) user registry settings when users and gro	
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e irches on uid or sn (last name) ucation Assistant module on Advanced LDAP Filtering techniques to minimi iere® Information Server user list: ww.ibm.com/support/docview.wss?uid=swg27023908 rity setunced Lightweight Directory Access Protocol (LDAP) settings index and any of these advanced settings are	
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an external LDAP directory. When security is enabled and any of these advanced settings are	) user
	changed,
e Security > Global security panel. Click Apply of OK to validate the changes.	
=*v)(sn=%v))(objectclass=inetOrgPerson))	
Eilhar	
%v)(objectclass=posixGroup))	

The search criteria for the main filter that effects the initially selected users can be modified to search by an attribute other than the uid. In this example, the filter was modified to allow it to search on either the uid or the sn. sn is normally mapped to the user's last name. See the IBM Education Assistant module on Advanced LDAP Filtering techniques to minimize the Information Server user list for further information on how to set the user filter.



Another common issue is that many of the LDAP attributes, such as first and last name, are not automatically filled in in the user information in the Information Server Web Console. For Information Server version 8.0 through 8.7 and Information Server version 9.1 using a stand-alone LDAP registry, this is not possible. Instead, the attributes must be manually entered. Configuring Information Server version 9.1 to use Federated Repositories will allow the administrator to map Information Server attributes, such as first and last name, to LDAP attributes. This mapping will automatically fill in the user information in the Information Server Web Console.

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sers not innenting g	roup roles (1 01 6)	
Roles set by group in IS We	eb Console	
Croups coop correctly with	upor information	
Groups seen correctly with	user mormation	
Group roles not inherited		
stoup toleo not initented		
→ 🕫 Open Group		? ×
ID: *	Roles Users	?
CN=IPS_Support,OU=Security Groups,DC=A	Suite ? CN=John Smith,CN	=Users,DC=amerco,DC=com
Name: *	Pole	
IPS_Support		
Group Type:	Common Metadata Administrator	
	Common Metadata User	
E-mail Address:	Suite Administrator	
Web Address:	Suite lieer	
r 1	June oser	
🗢 Open User		?
User Name: *	Roles Groups	?
CN=John Smith.CN=Users.DC=Amerco.DC=co	Suite CN=IPS Support.OU=	Security Groups.DC=amerco.D
Password: *	Role Inherited	
Confirm Password:	Common Metadata Administrator	
	Common Metadata Liser	
Title:	No No	7
	inheritan	ce

The next issue this presentation will discuss is an issue where the Information Server roles are assigned at the group level in the Information Server Web Console but are not inherited by the users who are members of that group. In the example displayed on this slide, the group IPS\_Support has the Suite User role assigned to it. In the group properties, the user John Smith shows up as a member of the IPS\_Support group.

When the user properties for John Smith are opened in the Web Console, the list of groups that he is a member of correctly displays the IPS\_Support group but the icon indicating the Suite User roles that is inherited from the group, is not displayed.



When roles are assigned to users and groups in the Information Server Web Console, the distinguished name for the user or group is used as the key for the role record when it is saved into XMeta. When the key is created, the base DN that is set in the LDAP configuration is used. Information Server keys in XMeta are case sensitive and if the case of the base DN does not match the case that is returned from WebSphere, Information Server is not able to find the group role record in XMeta. Compare the group's distinguished name that is displayed on the right side of the user's property box to the group's distinguished name displayed in the ID field of the group properties.

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lsers not inheriting	group roles (3 of 6)		
iooro not interning	group roloo (0 01 0)		
WebSphere administrative consol	le		
+ Host			
ad.amerco.com			
Pat			
389			
Base distinguished name (DN)			
pe-Amercobe-com			
Bind distinguished name (DN)			
Bind distinguished name (DN) CN=BndUser,CN=Users,DC=Amerco,D	C*		
Bind distinguished name (DN) CN=BndUser, CN=Users, DC=Amerco, D Bind password			
Bind distinguished name (DN) [CN=BndUser,CN=Users,DC=Amerco,D Bind password •••••••			
Bind distinguished name (DN) [CN=BndUser,CN=Users,DC=Amercol,D Bind password [			
Bind distinguished name (DN) [CN=BndUser,CN=Users,DC=Amercol,D Bind password [			
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amercol D Bind password Information Server Web Console		2	
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amercol D Bind password  Information Server Web Console 	Roles	(Frauns (7)	
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amercol, D Bind password  Information Server Web Console  Joen Name: CH=John Smith, CN=Users, DC=Amerco, DC=cd	Roles	Groups	
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amerco, D Bind password  Information Server Web Console  Ser Name: CN=John Smth, CN=Users, DC=Amerco, DC=col assword:	Roles	Groups         ?           CN=IPS_Support,OU=Security Groups,DC=amerco,D	
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amerco, D Bind password  Information Server Web Console  Ser Name: CN=John Smith, CN=Users, DC=Amerco, DC=co assword:	Roles Suite ? Im Role Inherited	Groups ? CN=IPS_Support,OU=Security Groups,DC=amerco,D	
Bind distinguished name (DN) [CN=BndUser, CN=Users, DC=Amerco, D Bind password Information Server Web Console Chen User Jeen Name: ** CN=John Smith, CN=Users, DC=Amerco, DC=co assword: **	Roles Suite ? Role Inherited	Groups ? CN=IPS_Support,OU=Security Groups,DC=amerco,D	
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amercol D Bind password Information Server Web Console CopenUser Jeen Name: CN=John Smth, CN=Users, DC=Amerco, DC=col assword: *	Roles Suite Role Role Inherited	Groups ? CN=IPS_Support,OU=Security Groups,DC=amerco,D	? :
Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amercol D Bind password •••••••• Information Server Web Console ••••••• Seer Name: CN=John Smith, CN=Users, DC=Amerco, DC=cod assword: •	Roles       Roles       Suite       Im       Role       Inherited	Groups ? CN=IPS_Support,OU=Security Groups,DC=amerco,D	? :
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Bind distinguished name (DN) (CN=BndUser, CN=Users, DC=Amercol D Bind password  Information Server Web Console  Open User Jeer Name: " CN=Den Smith, CN=Users, DC=Amerco, DC=col assword: "  	Roles Roles Roles Roles Roles Roles Roles	Groups     ?       CN=IPS_Support,OU=Security Groups,DC=amerco,D       Users       CN=John Smith,CN=Users,DC=amerco,DC=com	?

In the example displayed on this slide, the base DN in the LDAP configuration in WebSphere is incorrectly set to DC=Amerco,DC=com where the "A" in Amerco is uppercase. When the User's properties are displayed in the Information Server Web Console, the groups that the user is a member of are displayed on the right side of the screen. The group's distinguished name in the user properties has a lower case "a" in amerco. When the group properties are displayed for this group, the ID, which is the distinguished name of the group, uses the same uppercase A as the Base DN set in the WebSphere configuration. Since Information Server is case sensitive, when it queries for the group roles, it looks for a group ID using the distinguished name that shows up with the user properties. Since the case is different than how the roles for the group are actually saved, it is unable to find the roles that were set for the group.

	IBM
Users not inheriting group roles (4 of 6)	
<ul> <li>Some systems will not show a difference in DN case</li> </ul>	
<ul> <li>Always check case of DN on LDAP server         <ul> <li>LDAP Browser</li> <li>Idapsearch</li> <li>Idapsearch -h <idapserver> -p <idapport> -b <base dn=""/> -D <binddn> -w</binddn></idapport></idapserver></li> <li>bindPasswd&gt; cn=<groupname></groupname></li> </ul> </li> <li><u>Example</u> <ul> <li>Idapsearch -h myAd.americo.com -p 389 -b "DC=Amerco,DC=com" -D</li> <li>"CN=BndUser,CN=User,DC=Amerco,DC=com" -w Bpasswd cn=IPS_Support</li> <li><u>Output</u></li> <li>CN=IPS_Support,OU=Security Groups,DC=amerco,DC=com</li> <li>objectClass=top</li> <li>objectClass=group</li> <li>cn=IPS_Support</li> </ul> </li> </ul>	:
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It is important to note that on some systems the group DN will show in the users properties with the same case as the ID for the group. In either case, use an LDAP browser or a tool such as Idapsearch to retrieve the proper case from the LDAP server.

	IBM
Users not inheriting group roles (5 of 6)	
<ul> <li>Update LDAP configuration with correct case for base DN</li> </ul>	
<ul> <li>Stop and restart WebSphere</li> </ul>	
<ul> <li>Run DirectoryAdmin to reset administrative roles</li> <li><is_home>/ASBServer/bin/DirectoryAdmin.sh –admin –user –userid ISadminDN</is_home></li> <li>ISadminDN = Fully distinguished name for Information Server administrative us</li> <li>Case of DN must match</li> </ul>	ser
+ Host ad.amerco.com	
Port 389	
Base distinguished name (QN) DC=amerco, DC=com	
Bind distinguished name (DN) CN=BndUser,CN=Users,DC=Amerco,DC=	
Bind password	
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Once the proper case is determined, open the WebSphere Administrative Console and change the Base DN in the LDAP configuration to match the case returned by the LDAP server. Stop and restart the WebSphere server for the changes to take effect. Since the ID of the Information Server users are also case sensitive, the Information Server administrative user's login to the Information Server Web Console may now fail with an Access Denied error because the user no longer has the administrative roles. Information Server is searching for an ID with the new base DN but the roles are saved with the old DN. In this case, run the DirectoryAdmin command as shown on this slide to add the administrative user back in. Be sure to enter the administrative user's fully distinguished name in the proper case.

			IB
Users not inheriting	group roles (6 of 6)		
· · · · ·			
<ul> <li>Reassign roles to group</li> </ul>			
<ul> <li>Roles correctly shows as</li> </ul>	inherited		
- Roles concerty shows as	Innented		
✓ Open Group			
The record was saved successfully.			
ID: *	Roles		
CN=IPS_Support,OU=Security Groups_DC=amerco,DC	∽ Suite		
IPS Support	Role		
Group Type:	Common Metadata Administrator		
	Common Metadata User		
E-mail Address:	Suite Administrator		
Wab Addrange	Suite User		
WPD ADDEPSS:			
User Name: *	Roles		Groups
CN=John Smith,CN=Users,DC=amerco,DC=com	✓ Suite	?	CN=IPS_Support,OU=Security GroupsDC=a
Password: =	Role	Inherited	<u> </u>
Confirm Password: *	Common Metadata Administrator		
	Common Metadata User		
Title:	Suite Administrator	$\frown$	
	Suite User	( 2)	
First Name (Given Name): *	coniiguration issues		Secure IBM Corpora

The last step is to go back into the Web Console and reassign the roles to the appropriate groups. In this example, the base portion of the groups distinguished name now matches in the group ID field and in the user's properties. When the roles are reset on the group, the roles are correctly inherited by the user.



The next issue that may be seen in the Information Server Web Console, is an issue where the group properties will not display. When the Web Console is opened, and groups is clicked, the list of groups is correctly displayed. If a group is selected and open group is clicked, an error is received: "The server encountered an unexpected condition which prevented it from fulfilling the request. Click here to go back to the pervious page."

If a user's property page is opened instead, the groups are correctly listed on the right side of the screen. Examine the SystemOut.log file and look for an error during the invocation of the method "findGroupMembersByName" and look to see if there is a NullPointerException error. If this is the case, then the issue is a null user ID in the registry.

	IBM
Unable to display group properties (2 of 2)	
<ul> <li>Null user ID exists in registry</li> </ul>	
<ul> <li>Obtain DeleteUser tool from Support         <ul> <li>Client side tool</li> </ul> </li> </ul>	
<ul> <li>Check if null user exists</li> <li>C:\IBM\InformationServer\ASBNode\bin&gt;.\DeleteUser -user <isadmin> -password</isadmin></li> <li>AdminPasswd&gt; -server <server> -port <port> -listall -find (null)</port></server></li> </ul>	
1 total users found. (null) :: (null) :: Security Directory	
<ul> <li>Remove null user</li> <li>C:\IBM\InformationServer\ASBNode\bin&gt;.\DeleteUser -user <isadmin> -password</isadmin></li> <li>AdminPassword&gt; -server <server> -port 9080 -delete (null)</server></li> </ul>	
Deleting user (null)	
Server> = Name of Services Tier server	
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The first step is to obtain the DeleteUser tool from Customer Support. Once DeleteUser is installed per the readme file, run the command to check if a null user exists in the repository. If it finds a null user, remove it by running DeleteUser again with the –delete argument as displayed on this slide. This will correct the issue.

oups do not appear	in User properties (1 of 7)	
sers show up in group prop	perty list	
rouns do not show un in us	er property list	
roups do not snow up in us	ser property list	
roup roles are not inherited	1	
✓ Open Group		? ×
ID: *	Roles	2
CN=IPS_Support,OU=Security Groups,DC=A	Suite ? CN=John Smith.CN=Users.DC=amerco.DC=	com
Name: *		
IPS_Support		
Group Type:	Common Metadata Administrator	
F-mail Address:	Common Metadata User	
	Suite Administrator	
Web Address:	V Suite User	
∽ Open Liser		?
User Name: *	Roles	2
CN=John Smith CN=Users DC=Amerco DC=co	✓ Suite	
Password: *		
	Role Inherited	
Confirm Password:	Common Metadata Administrator	
	Common Metadata User	
Title:	Suite Administrator	

The next issue that this presentation will discuss is an issue where the groups a user belongs to do not appear in the Groups box on the right side of the user's property page. When the properties for a group are opened, the users in that group are correctly displayed in the Users box on the right side of the page. If the properties for a user in that list is opened, the group does not appear in the Groups box and the roles are not inherited by the user.

		IBM
Groups do not app	pear in User properties (2 of 7)	
- Group member ID	nap	
Standalone I DAP		
- Security => Global	Security => Configure	
Global security Science and a security	Global security	
SSL certificate and key man Scurity auditing Bus security	Use this panel to configure administration and the default application securit functions and is used as a default security policy for user applications. Secur applications.	
E Environment	Security Configuration Wizard Security Configuration Report	
	Administrative security	
	Enable administrative security	
Monitoring and Tuning	Administrative group roles	
	Administrative authentication	
Service integration	Application security	
E NDDI	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	
	Standalone LDAP registry	
	Available realm definitions	
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This issue generally occurs when the Group member ID map is set incorrectly. To correct this when using Standalone LDAP, open the WebSphere Administrative Console, go to Security, Global security, and click Configure.

		IBM
Groups do not appear in l	User properties (	(3 of 7)
<ul> <li>Additional properties =&gt; Advance</li> <li>Correct Group member ID map</li> </ul>	d LDAP user registry s	settings
<ul> <li>Save and restart WebSphere</li> </ul>		
Iobal security > Standalone LDAP registry see the Lightweight Directory Access Protocol (LDAP) user registry settings when DAP directory. When security is enabled and any of these properties are change lick Apply or OK to validate the changes.	users and groups reside in an external d, go to Security > Global security panel	Global security > Standalone LDAP registry > Advanced Lightweight registry settings Specify advanced Lightweight Directory Access Protocol (LDAP) user re an external LDAP directory. When security is enabled and any of thes Security > Global security panel. Click Apply or OK to validate the cha
General Properties Primary administrative user name kpowers Server user identity @ automatically ensembled server identity	Additional Properties	Ceneral Properties User filter [(6(cs=%v)(objectcategory=user)) Group Filter [(6(cn=%v)(objectcategory=group))
<ul> <li>Dubinitiziary generated server unitary</li> <li>Server length that is stored in the repository</li> <li>Server user ID or administrative user on a Version 6.0.x node</li> </ul>	settings	User ID map user:sANAccountName Group ID map *:cn Workp member ID map
		[bm-allGroups:uniqueMember
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Next, under Additional properties, click Advanced user registry settings. Look at the Group member ID map and verify with your LDAP administrator that this value is correct for your configuration, update the group member ID map, save, and restart WebSphere.

		101
Groups do not	appear in User properties (4 of 7)	
Federated Reposi	itories	
- Security => Gi	obal Security => Configure	
E Security		
Security Global security Security domains Administrative Authorizatio SSL certificate and key man Security auditing	Administrative security          Administrative user roles          Image: Contract of the security          Administrative oroup roles          Administrative authentication	
Security     Global security     Security domains     Administrative Authorizatio     SSL certificate and key man     Security auditing     Bus security	Administrative security          Administrative user roles          Enable administrative security          Administrative group roles          Application security          Administrative authentication	
Clobal security Clobal Securi	Administrative security          Image: Constraint of the security <ul> <li>Administrative user roles</li> <li>Administrative group roles</li> <li>Administrative authentication</li> </ul> Application security <ul> <li>Image: Constraint of the security</li> </ul> <ul> <li>Image: Constraint of the security</li> <li>Image: Constraint of the security</li> </ul> <ul> <li>Image: Constraint of the security</li> <li>Image: Constraint of the security</li> </ul> <ul> <li>Image: Constraint of the security</li> <li>Image: Constraint of the security</li> <li>Image: Constraint of the security</li> </ul> <ul> <li>Image: Constraint of the security</li> </ul> <ul> <li>Image: Constraint of the security</li> <li>Image: Consecurity</li></ul>	
Global security     Global security     Security demains     Administrative Authorizatio     SSL cartificate and kay man     Security auditing     Bus security     Environment     System administration	Administrative security	
Security     Global security     Security domains     Administrative Authorizatio     SSL certificate and key man     Security auditing     Bus security     Environment     System administration     Users and Groups	Administrative security	
Security     Global security     Global security     Security domains     Administrative Authorizatio     SSL certificate and key man     Security auditing     Bus security     Environment     System administration     Users and Groups     Menitoring and Tuning	Administrative security <ul> <li>Administrative user roles</li> <li>Administrative crow roles</li> <li>Administrative authentication</li> </ul> Application security <ul> <li>Administrative authentication</li> </ul> Application security <ul> <li>Enable application security</li> </ul> Java 2 security <ul> <li>Use Java 2 security to restrict application access to local resources</li> </ul>	
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Security     Global security     Global security     Security domains     Administrative Authorizatio     SSL certificate and key man     Security auditing     Bus security     Environment     System administration     Users and Groups     Monitoring and Tuning     Troubleshooting     Service integration     UDDI	Administrative security <ul> <li>Administrative user roles</li> <li>Administrative cross roles</li> <li>Administrative authentication</li> </ul> Application security <ul> <li>Administrative authentication</li> </ul> Application security <ul> <li>Brable application security</li> </ul> Java 2 security <ul> <li>Use Java 2 security to restrict application access to local resources</li> <li>Warn if applications are granted custom permissions</li> <li>Restrict access to resource authentication data</li> </ul> User account repository <ul> <li>Current realm definition Standalone LDAP registry</li> <li>Mailable realm definitions</li> </ul>	

When using Federated Repositories, go into Security, Global Security, select Federated repositories under the Available realm definition and click Configure.

	IBM
Groups do not appear in User properties (5 of 7)	
<ul> <li>Click Repository identifier</li> </ul>	
Click Group attribute definition	
+ Repository identifier	
Citibal security NewcoAD	
Child accepts 7 Federal Reportance  To / Selection processions, includes accept on multiple reportances can be managed in a single, vitual particular procession the file-based reportance procession on a rimer action  accept of the selection of	
Paulining     Point	
Padover server used when primary is not available. Dates an identify Dates and identify D	
@ Automatically generated server identity Beletct Pationer Host Name Port	
C Server identity that is stored in the repository	
Injury case for authorization     Repeateness for authorization     Repeateness for authorization     Repeateness for authorization	
Add Base entry to Rasim Use bull's in repository Remove	
Saletzi Base Entry Repository Lidentifier Repository Type You can administer the following resource:	
Chernes Desan	
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Additional Properties	
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Apply DK Reset Cancel	8 0040 IDM 0
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Next, click the Repository identifier for the repository with the issue. Click Group attribute definition under Additional Properties.

		IBM
Groups do not appear in User pro	perties (6 of 7)	
Click Member Attributes		
Check name and object class		
<ul> <li>Click Name to change object class</li> </ul>		
<ul> <li>Delete and Add to change name and obje</li> </ul>	ect class	
Global security > Federated repositories > MyTivoli > Group attribute definition		
Use this page to specify the name of the group membership attribute. Every Lightweight Directory	y Access Protocol (LDAP) entry	
includes this attribute to indicate the groups to which this entry belongs.		
General Properties	Additional Properties	
Name of group membership attribute	Member	
	attributes	
	Dupping member	
Scope of group membership attribute	Dynamic member attributes	
Scope of group membership attribute © Direct - Contains only immediate members of the group without members of subgroups © Natural - Contains direct members and members parted within subgroups of this group	Dynamic member     attributes	
Scope of group membership attribute © Direct - Contains only immediate members of the group without members of subgroups Nested - Contains direct members and members nested within subgroups of this group O All - Contains all direct, nested, and dynamic members	<ul> <li>Somartic member attributes</li> </ul>	
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Next, click Member Attributes under additional properties. This will show you the attribute name and object class. Check with your LDAP administrator for the correct values. You can change the object class of the existing attribute if the name is correct, or delete the current attribute and add a new one if the name is incorrect. If the attribute name is correct, click the attribute name to change the object class.

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Grou	ps do not appear in User properties (7 of 7)	
<ul> <li>Corre</li> </ul>	ect object class	
<ul> <li>Click</li> </ul>	Apply	
<ul> <li>Rest</li> </ul>	art WebSphere	
	Global security > Federated repositories > MyTivoli > Group attribute definition > Member attributes > member           Use this page to manage Lightweight Directory Access Protocol (LDAP) member attributes.           General Properties	
	member Object class	
	memberOf	
	Scope Oirect - Contains only immediate members of the group without members of subgroups	
	$\odot$ Nested - Contains direct members and members nested within subgroups of this group $\odot$ All - Contains all direct, nested, and dynamic members	
	Apply OK Reset Cancel	
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Type in the correct object class and click Apply and Save at the top of the screen. WebSphere must be restarted for the changes to take effect.

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